# ENGINEERING DATA


Section / Description page

## CAVITY DATA

| THREAD CAVITIES | | | | |
|---|---|---|---|---|
| **SERIES** | **SIZE** | **THREAD SIZE** | **TOOLS KIT** | **PAGE** |
| **MINI 2W** | 7 | 5/8-18 UNF 2B | 40500003 | ED3 |
| **MINI 3W** | 7 | 5/8-18 UNF 2B | 40500004 | ED4 |
| **MINI 4W** | 7 | 5/8-18 UNF 2B | 40500006 | ED5 |
| **POWER 2W** | 8 | 3/4-16 UNF 2B | 40500005 | ED6 |
| **POWER 3W** | 8 | 3/4-16 UNF 2B | 40500024 | ED7 |
| **POWER 4W** | 8 | 3/4-16 UNF 2B | 40500029 | ED8 |
| **DELTA 2W** | 10 | 7/8-14 UNF 2B | 40500000 | ED9 |
| **DELTA 2W SPECIAL** | 10 | 7/8-14 UNF 2B | 40500028 | ED10 |
| **DELTA 3W** | 10 | 7/8-14 UNF 2B | 40500001 | ED11 |
| **DELTA 4W** | 10 | 7/8-14 UNF 2B | 40500002 | ED12 |
| **TECNORD 2W** | 12 | 1 1/16-12 UNF 2B | 40500032 | ED13 |
| **TECNORD 3W SHORT** | 12 | 1 1/16-12 UNF 2B | 40500033 | ED14 |
| **TECNORD 3W** | 12 | 1 1/16-12 UNF 2B | 40500034 | ED15 |
| **TECNORD 4W** | 12 | 1 1/16-12 UNF 2B | 40500035 | ED16 |
| **TECNORD 5W SHORT** | 12 | 1 1/16-12 UNF 2B | 40500037 | ED17 |
| **SUPER 2W** | 16 | 1 5/16-12 UNF 2B | 40500017 | ED18 |
| **SUPER 3W SHORT** | 16 | 1 5/16-12 UNF 2B | 40500021 | ED19 |
| **SUPER 3W** | 16 | 1 5/16-12 UNF 2B | 40500018 | ED20 |
| **SUPER 4W** | 16 | 1 5/16-12 UNF 2B | 40500019 | ED21 |
| **SUPER 5W SHORT** | 16 | 1 5/16-12 UNF 2B | 40500020 | ED22 |
| **SUPER 5W** | 16 | 1 5/16-12 UNF 2B | 40500038 | ED23 |
| **QS SPECIAL 3W** | 10 | M20 X 1.5-H6 | 40500012 | ED24 |
| **T031 3W** | - | G 7/8” | K-T031 | ED25 |
| **T042 4W** | - | 7/8-14 UNF 2B | K-T042 | ED26 |
| **T308 3W** | - | 7/8-14 UNF 2B | K-T308 | ED27 |
| **FLANGED SLIP-IN CAVITIES** | | | | |
| **SERIES** | **SIZE** | **FLANGE THREADS** | **TOOLS KIT** | **PAGE** |
| **T043 3W** | D13 | M4 (X2) | K-T043 | ED28 |
| **T056 2W** | D16 | M6 (x2) | K-T056 | ED29 |
| **T057 3W** | D16 | M6 (x2) | K-T057 | ED30 |
| **T058 4W** | D16 | M6 (x2) | K-T058 | ED31 |
| **T059 3W** | D17 | M6 (x2) | K-T059 | ED32 |
| **T222 3W** | D16.5 | M4 (X2) | K-T222 | ED33 |
| **T250 3W** | D9 | M4 (X2) | K-T250 | ED34 |





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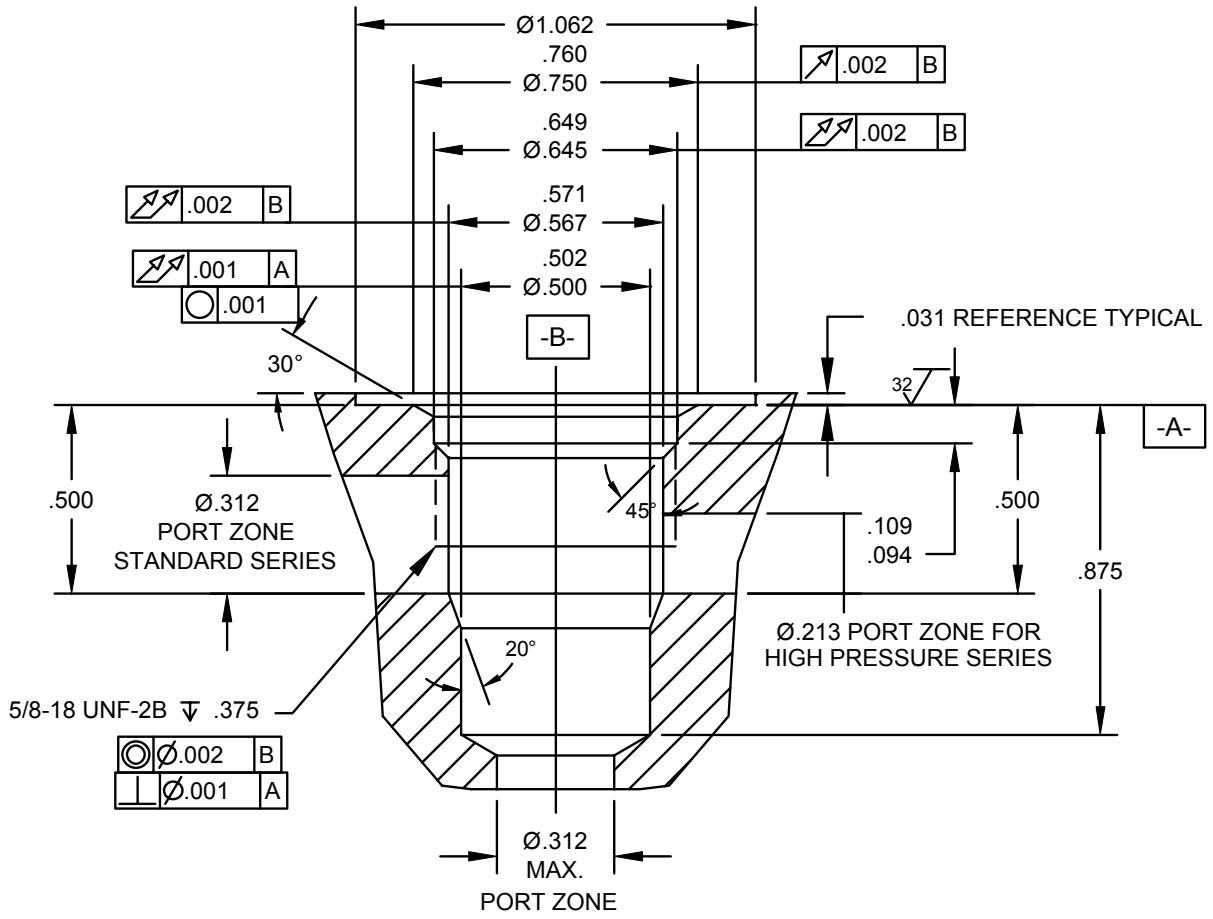
**MINI 2W** 7 SIZE, 5/8-18 THREAD “MINI” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500003.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.
4. PORT ZONE IS Ø.213 MAXIMUM AT PORT #1 ONLY FOR BHIGH PRESSURE SERIES MINI VALVES (HA-***-**).





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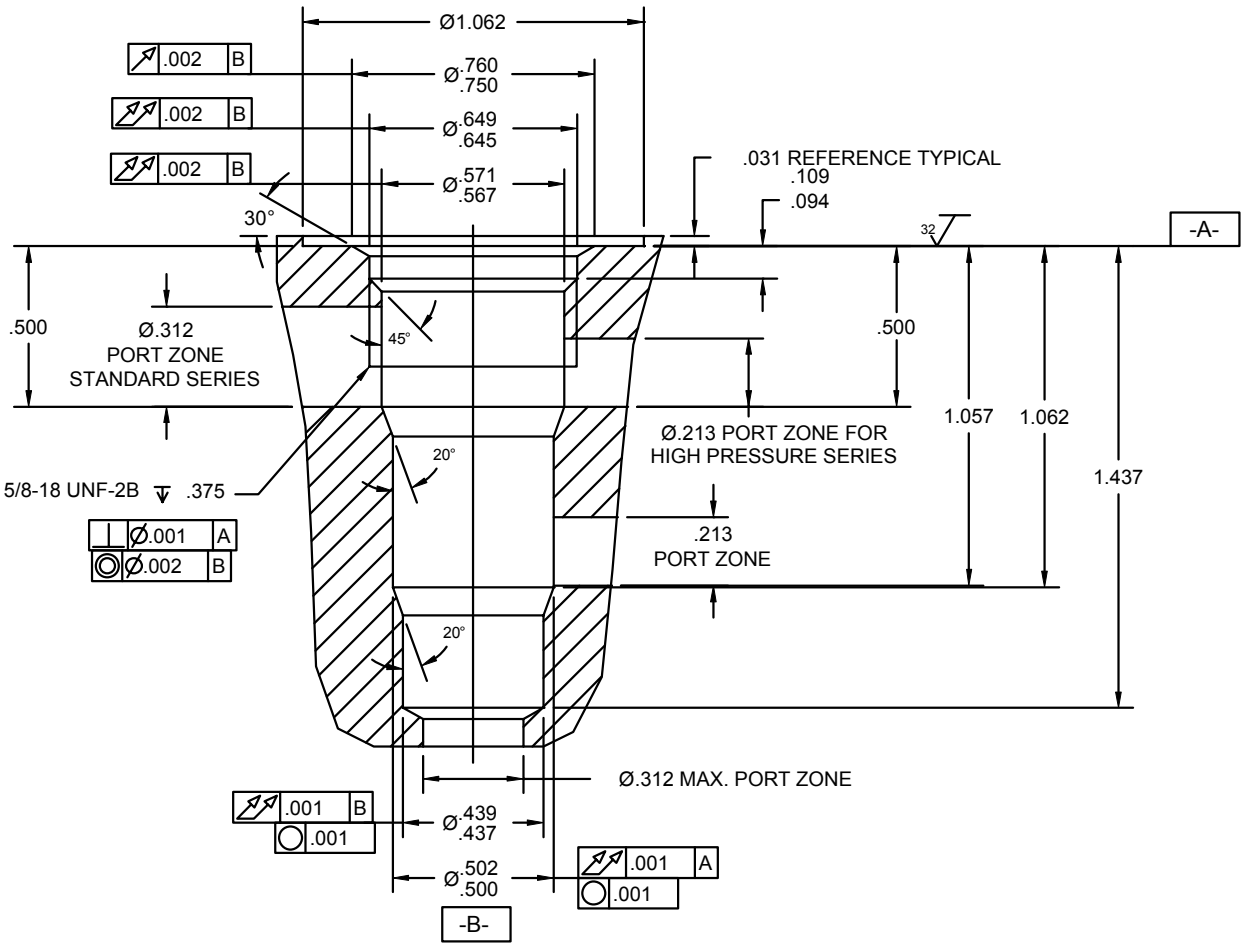
**MINI 3W** 7 SIZE, 5/8-18 THREAD "MINI" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500004.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.
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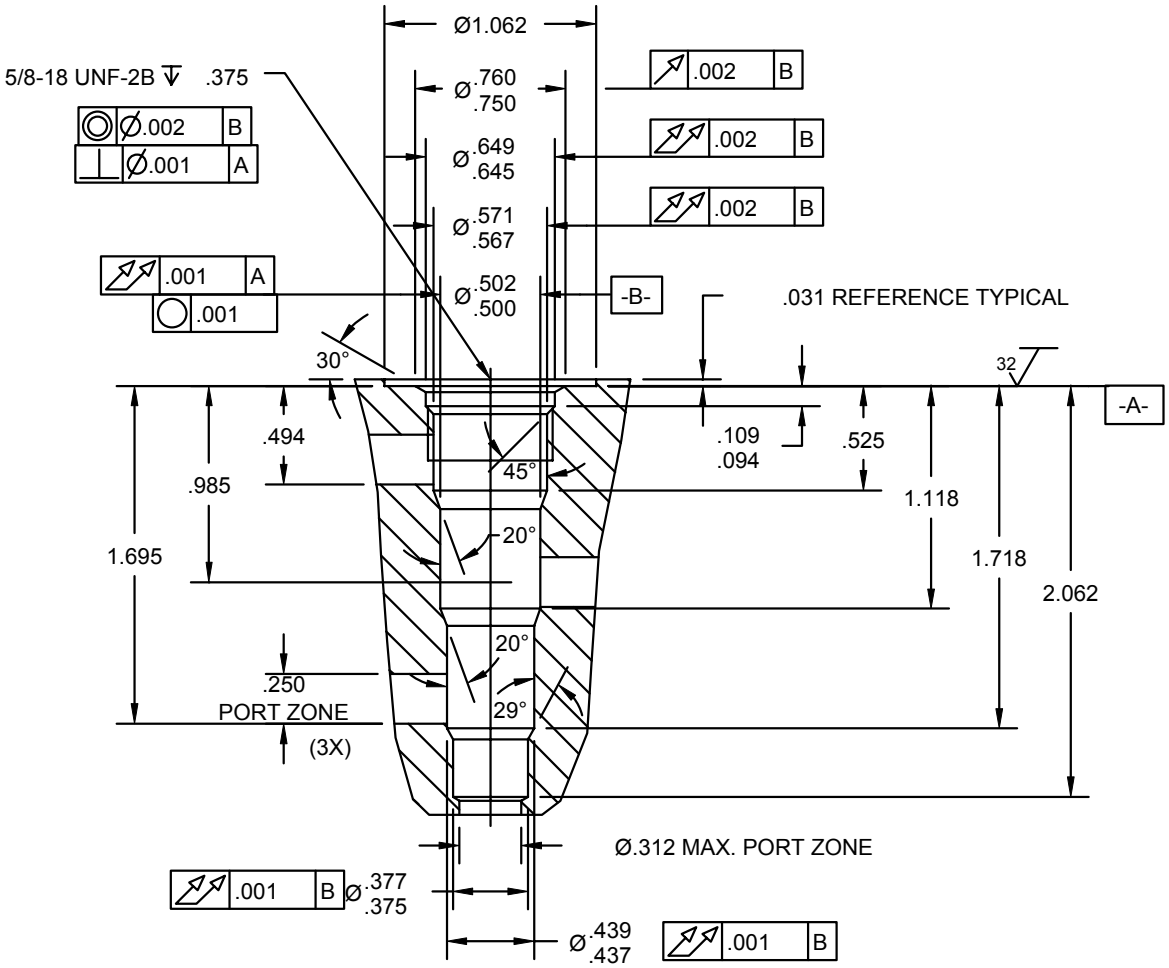
**MINI 4W** 7 SIZE, 5/8-18 THREAD "MINI" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500006.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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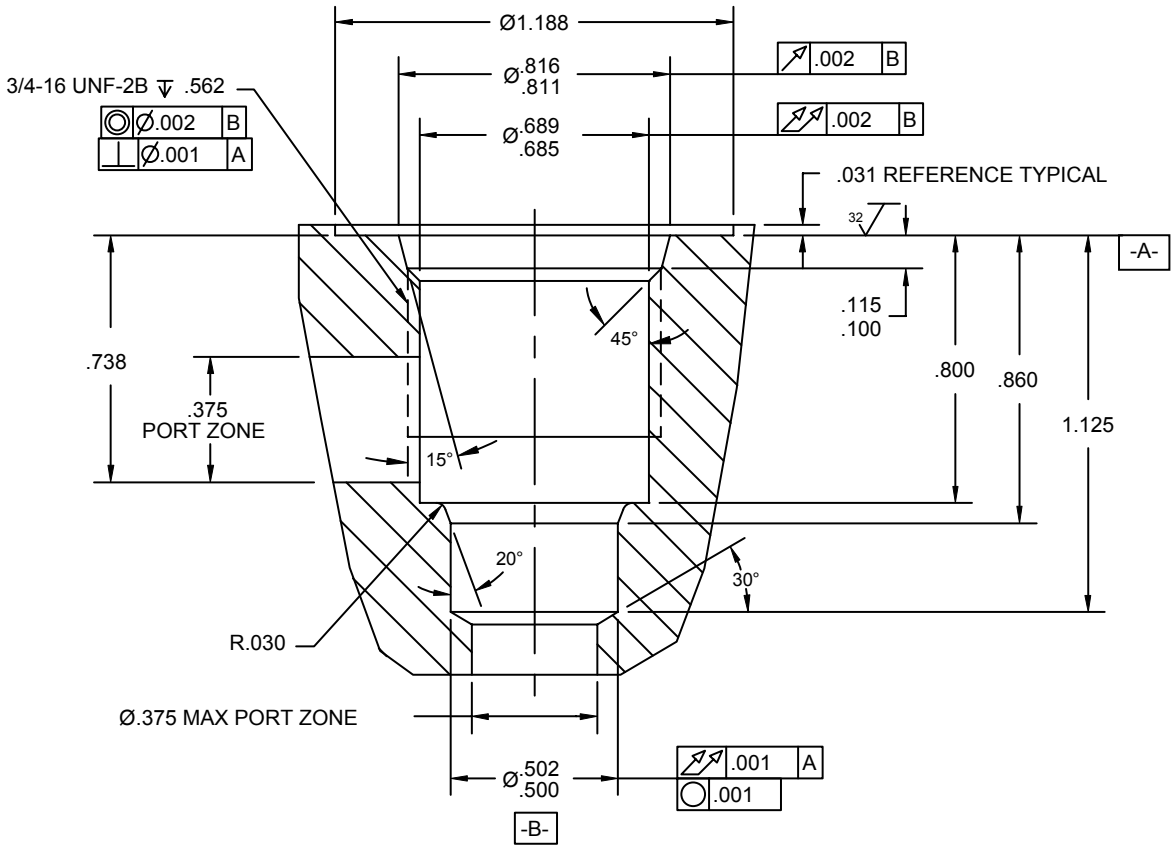
## POWER 2 WAY 8 SIZE, 3/4-16 THREAD “POWER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500005.
2. ALL MACHINED SURFACES TO BE $^{32}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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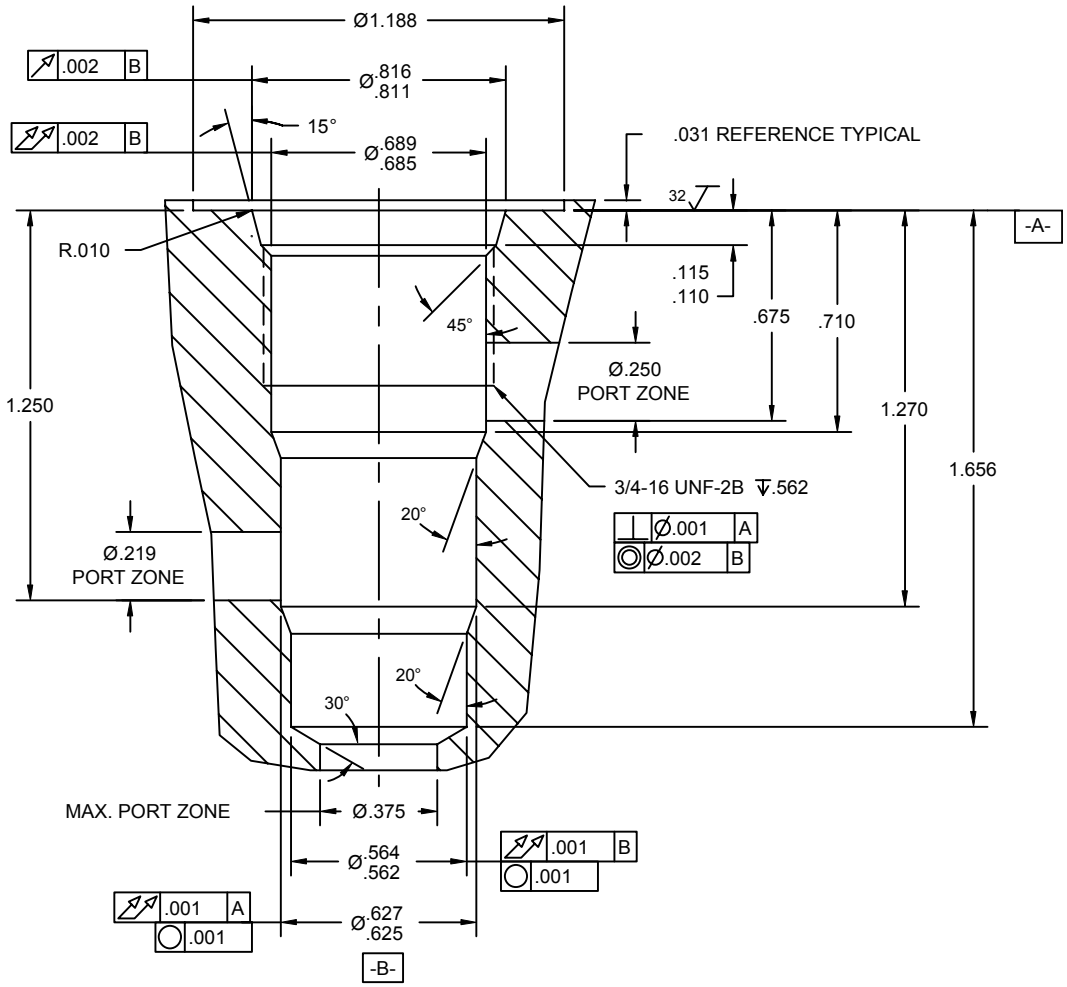
## POWER 3 WAY 8 SIZE, 3/4-16 THREAD "POWER" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500024.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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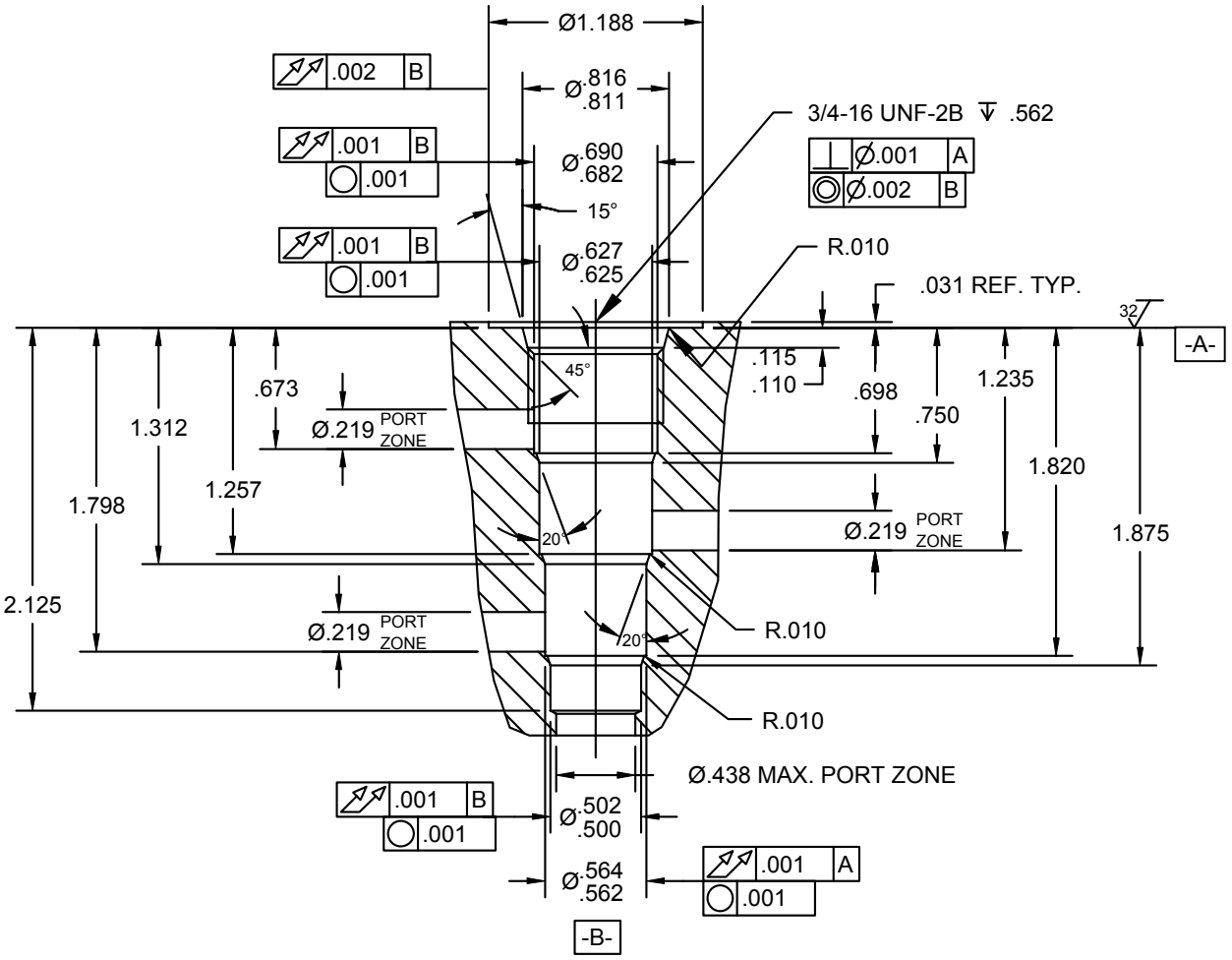
## POWER 4 WAY 8 SIZE, 3/4-16 THREAD "POWER" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500029.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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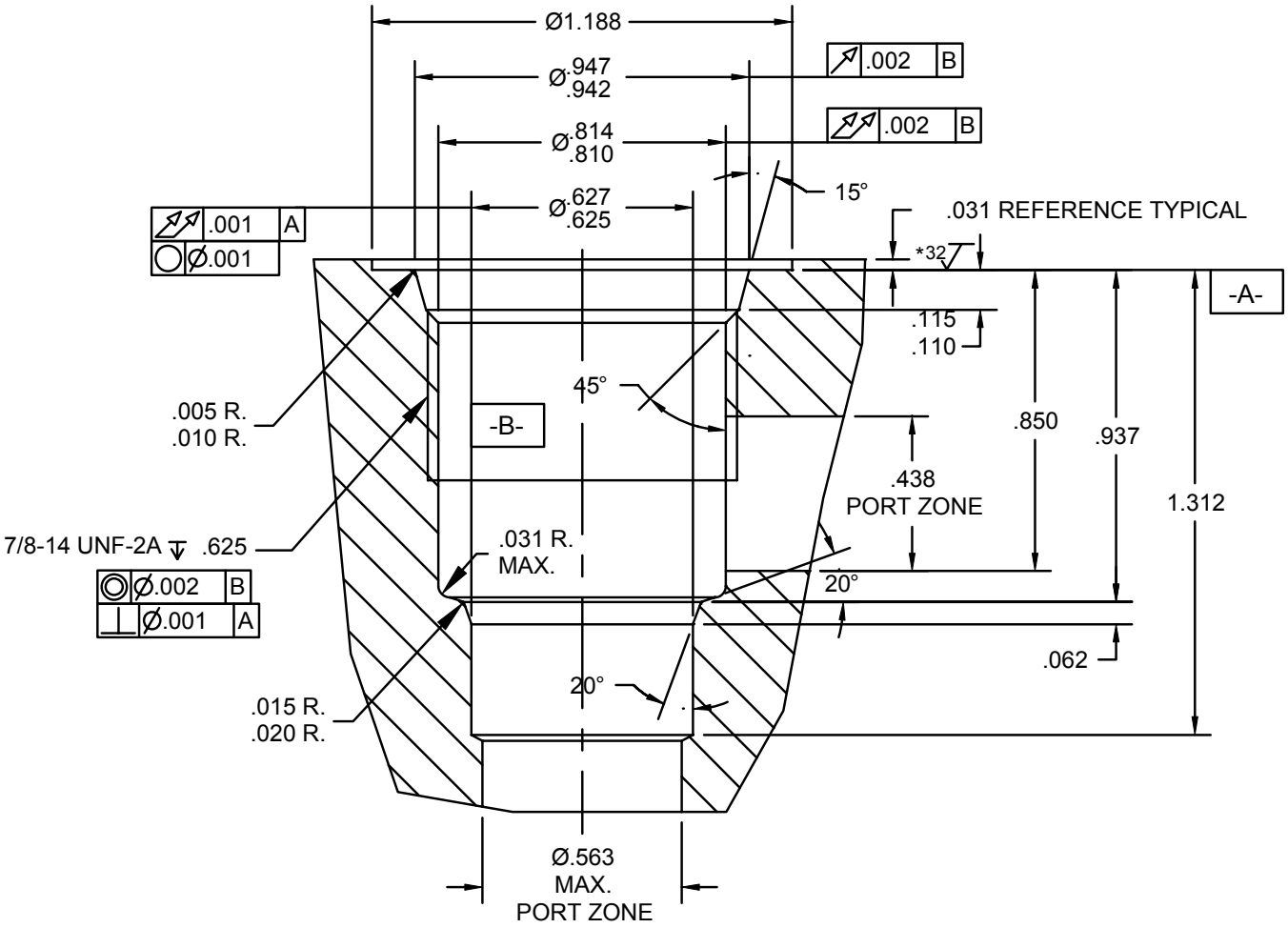
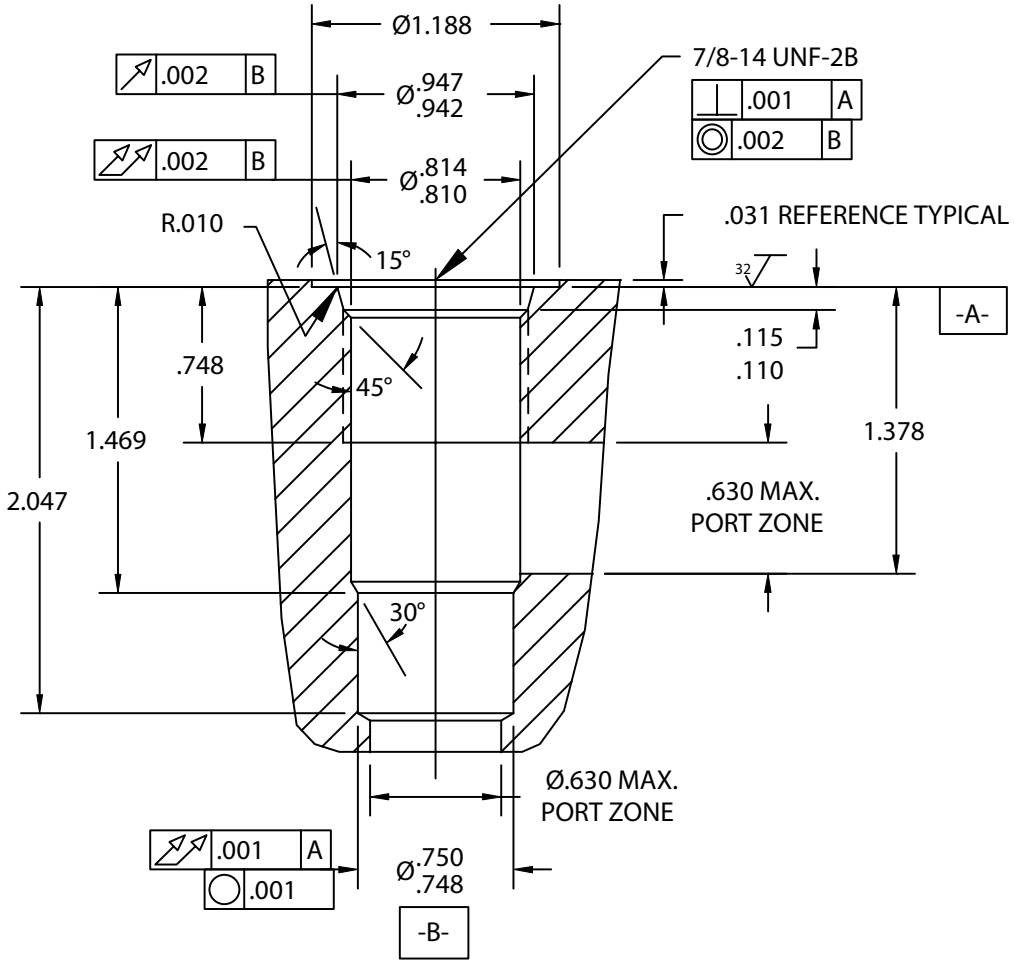
## DELTA 2 WAY 10 SIZE, 7/8-14 THREAD “DELTA” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500000.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## DELTA 2 WAY SPECIAL 10 SIZE, 7/8-14 THREAD SPECIAL "DELTA" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500028.
2. ALL MACHINED SURFACES TO BE $^{32}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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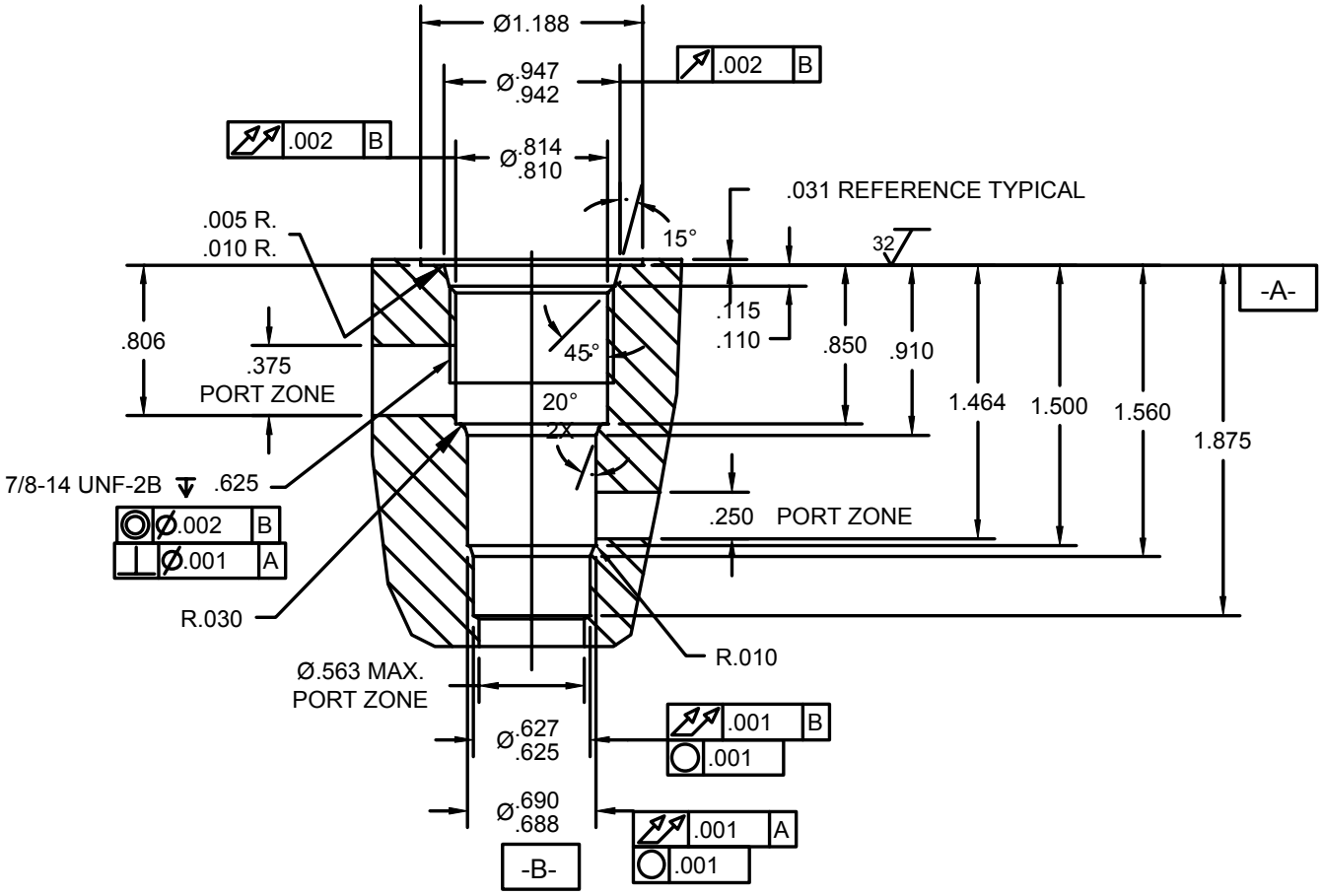
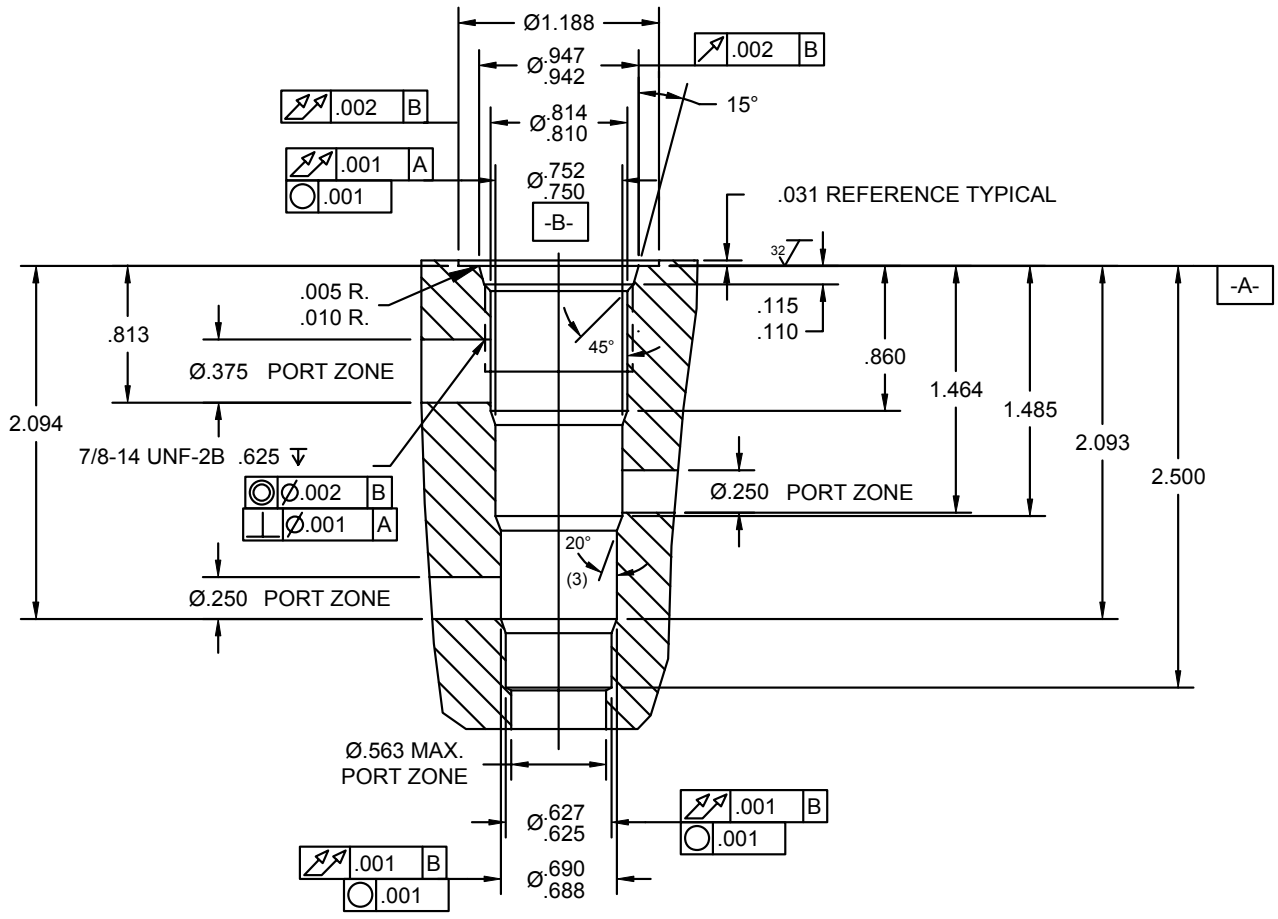
## DELTA 3 WAY 10 SIZE, 7/8-14 THREAD "DELTA" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500001.
2. ALL MACHINED SURFACES TO BE 32√ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## DELTA 4 WAY 10 SIZE, 7/8-14 THREAD “DELTA” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500002.
2. ALL MACHINED SURFACES TO BE $^{32}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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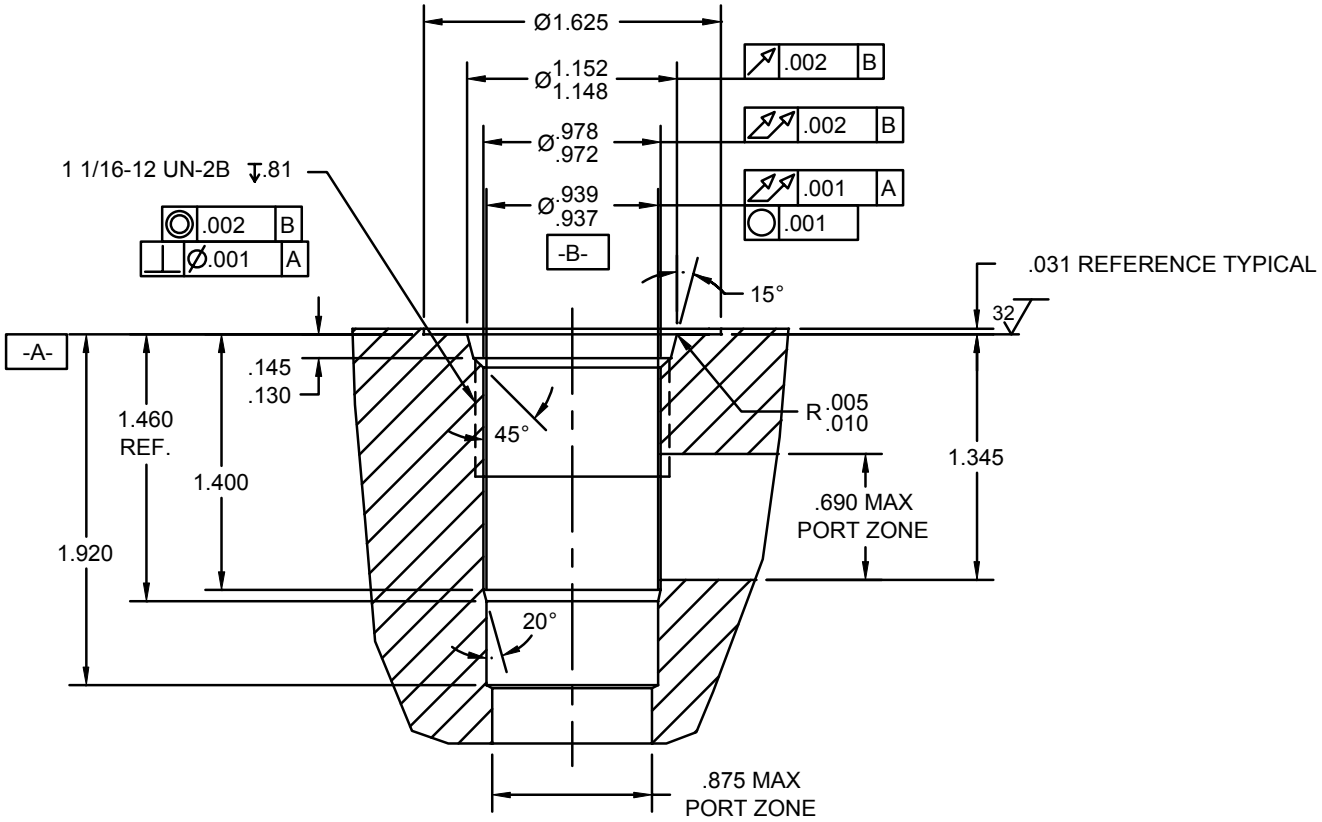
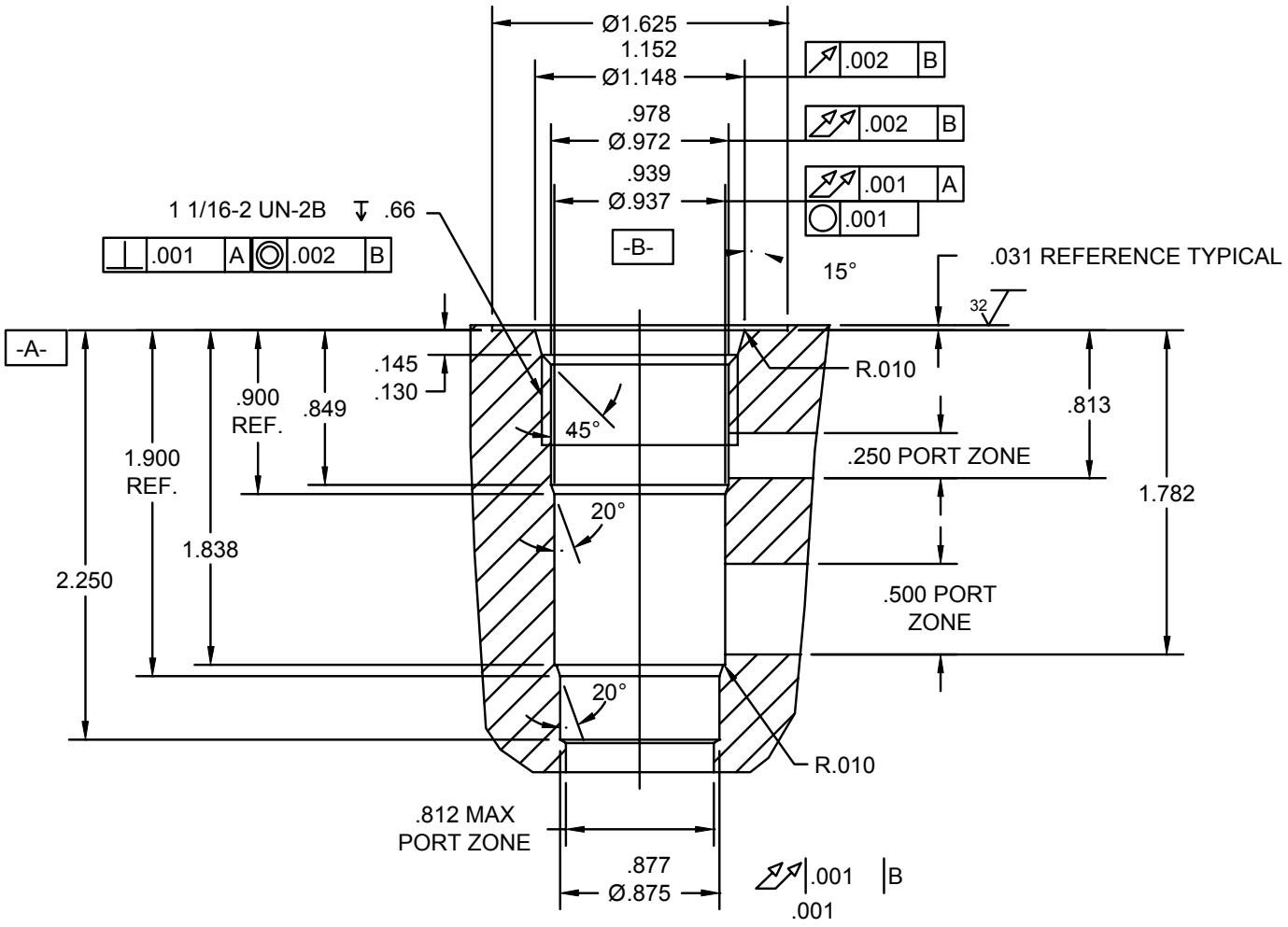
## TECNORD 2 WAY 12 SIZE, 1 1/16-12 THREAD "TECNORD" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500032.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## TECNORD 3 WAY SHORT 12 SIZE, 1 1/16-12 THREAD "TECNORD" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500033.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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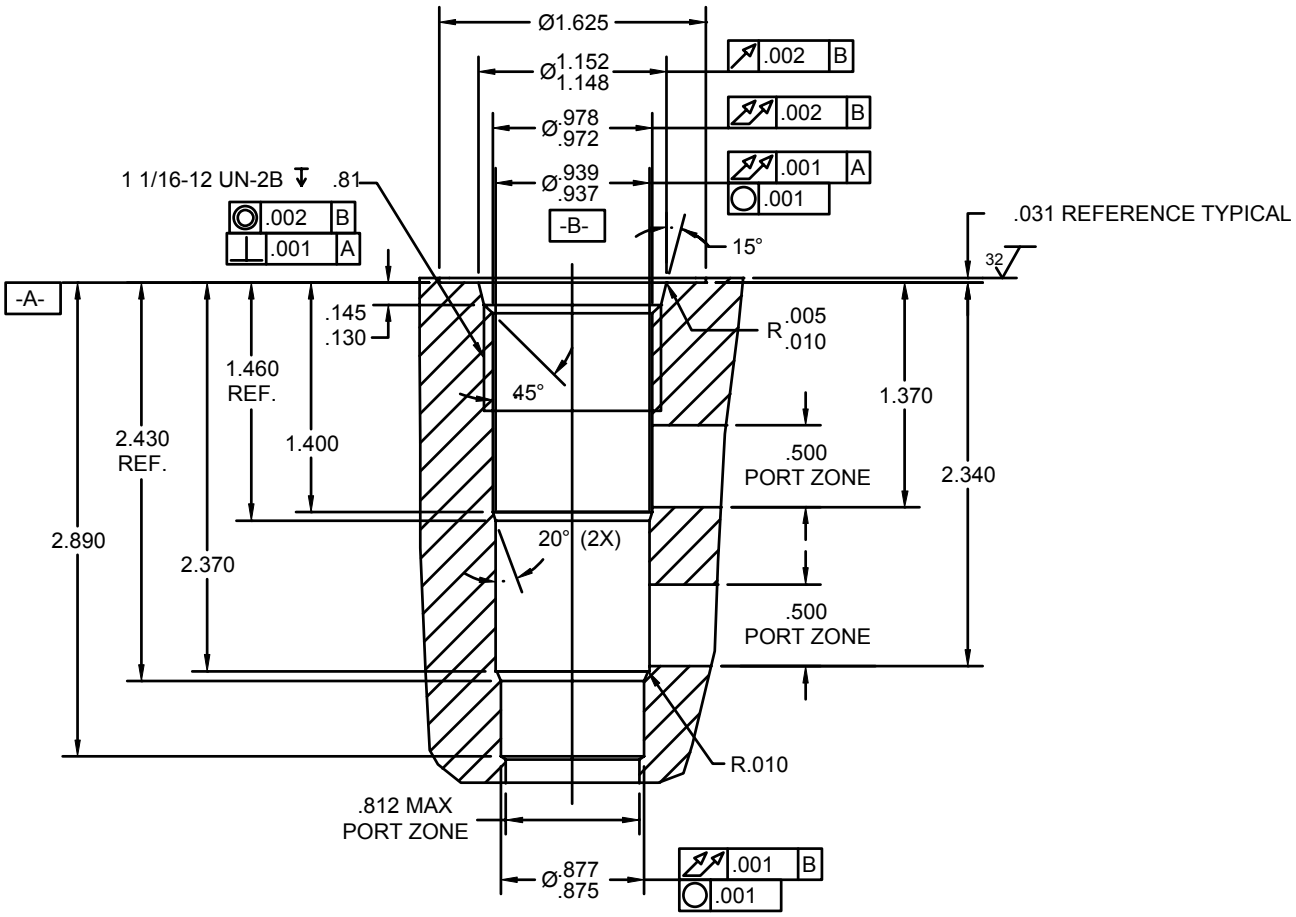
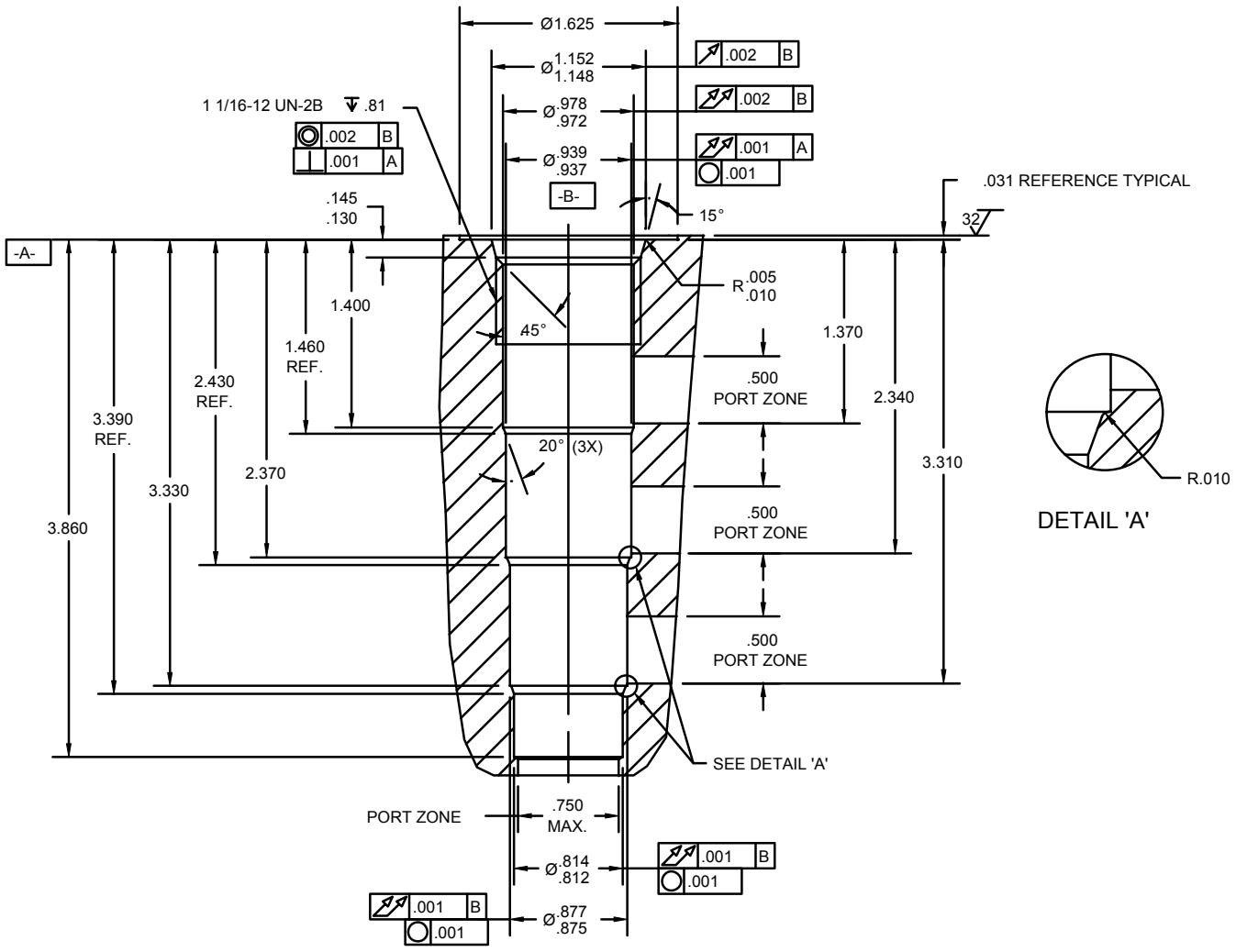
## TECNORD 3 WAY 12 SIZE, 1 1/16-12 THREAD "TECNORD" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500034.
2. ALL MACHINED SURFACES TO BE 32√ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## TECNORD 4 WAY 12 SIZE, 1 1/16-12 THREAD "TECNORD" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500035.
2. ALL MACHINED SURFACES TO BE $^{32}\sqrt{}$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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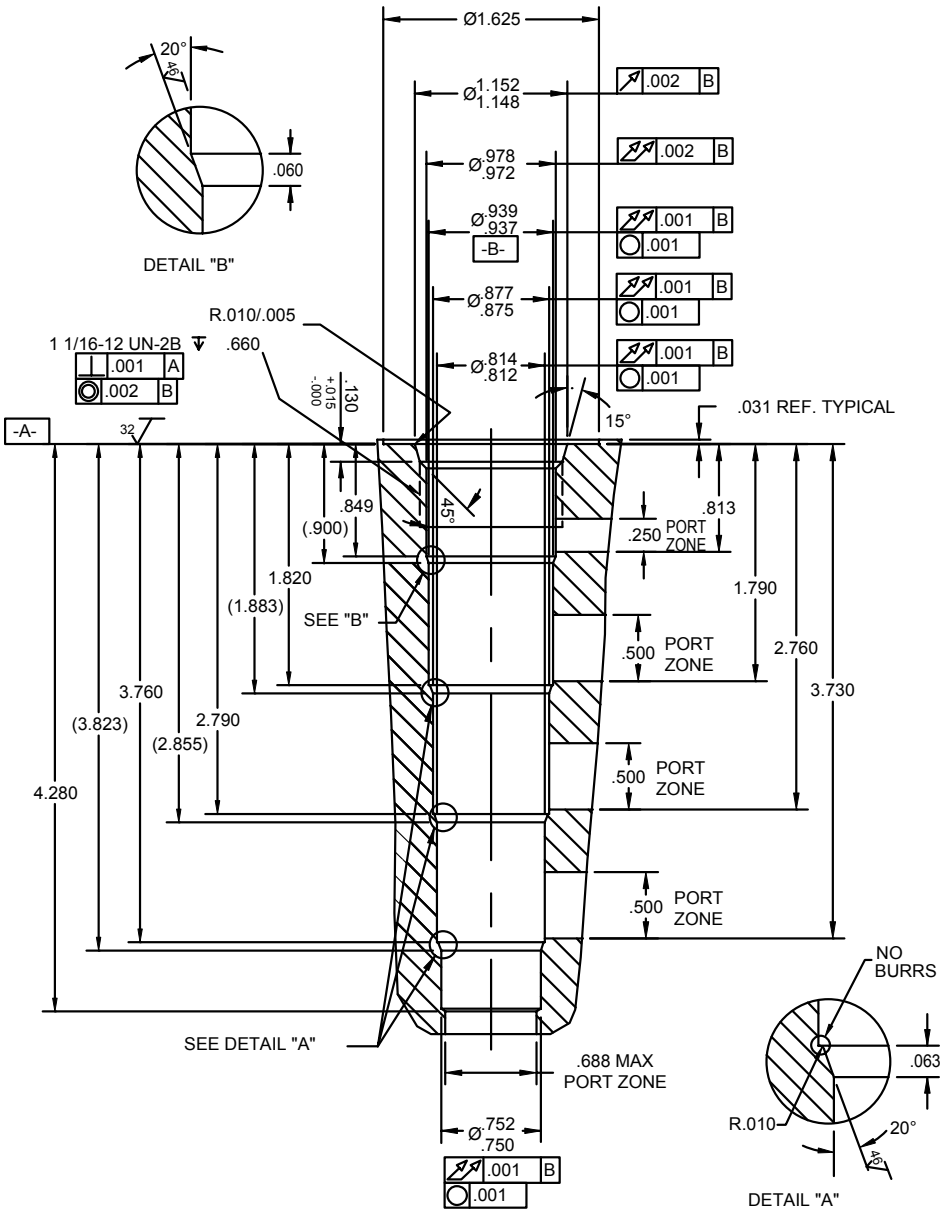
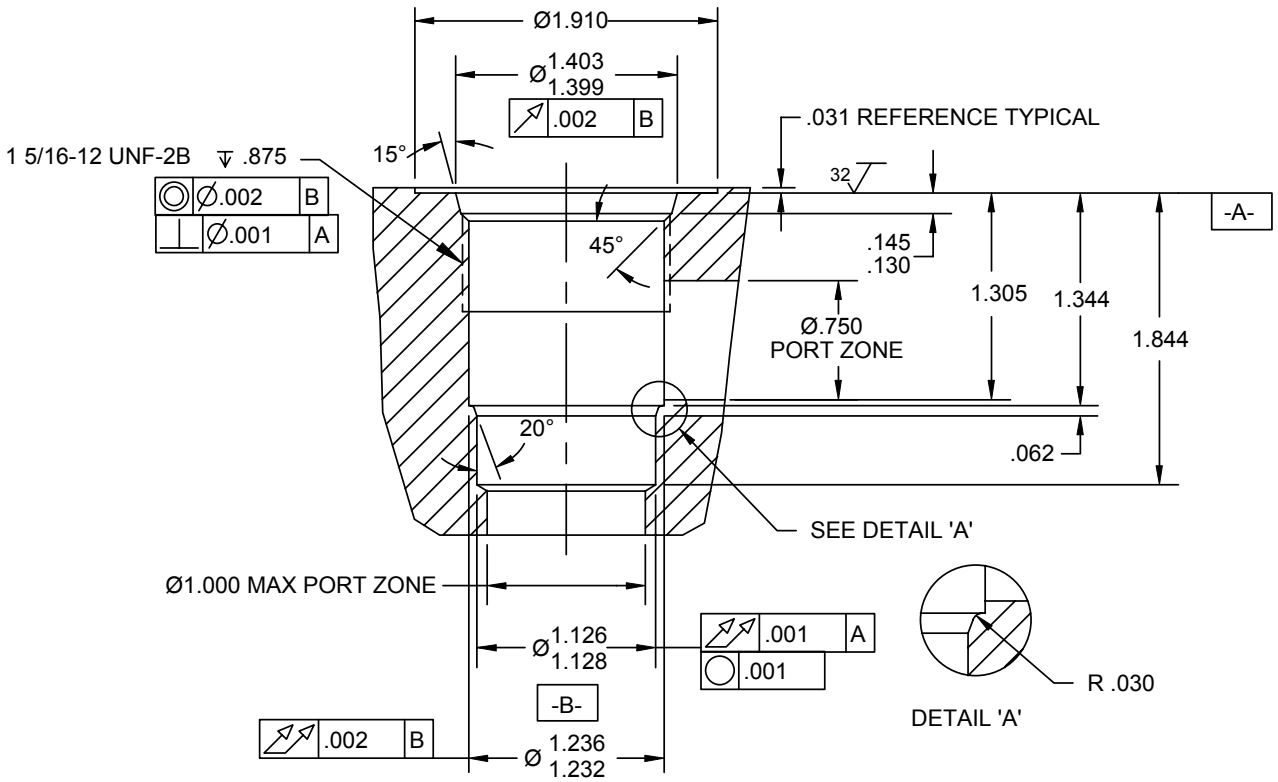
## TECNORD 5 WAY SHORT 12 SIZE, 1 1/16-12 THREAD "TECNORD" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500037.
2. ALL MACHINED SURFACES TO BE 32√ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

**SUPER 2 WAY** 16 SIZE, 1 5/16-12 THREAD “SUPER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500017.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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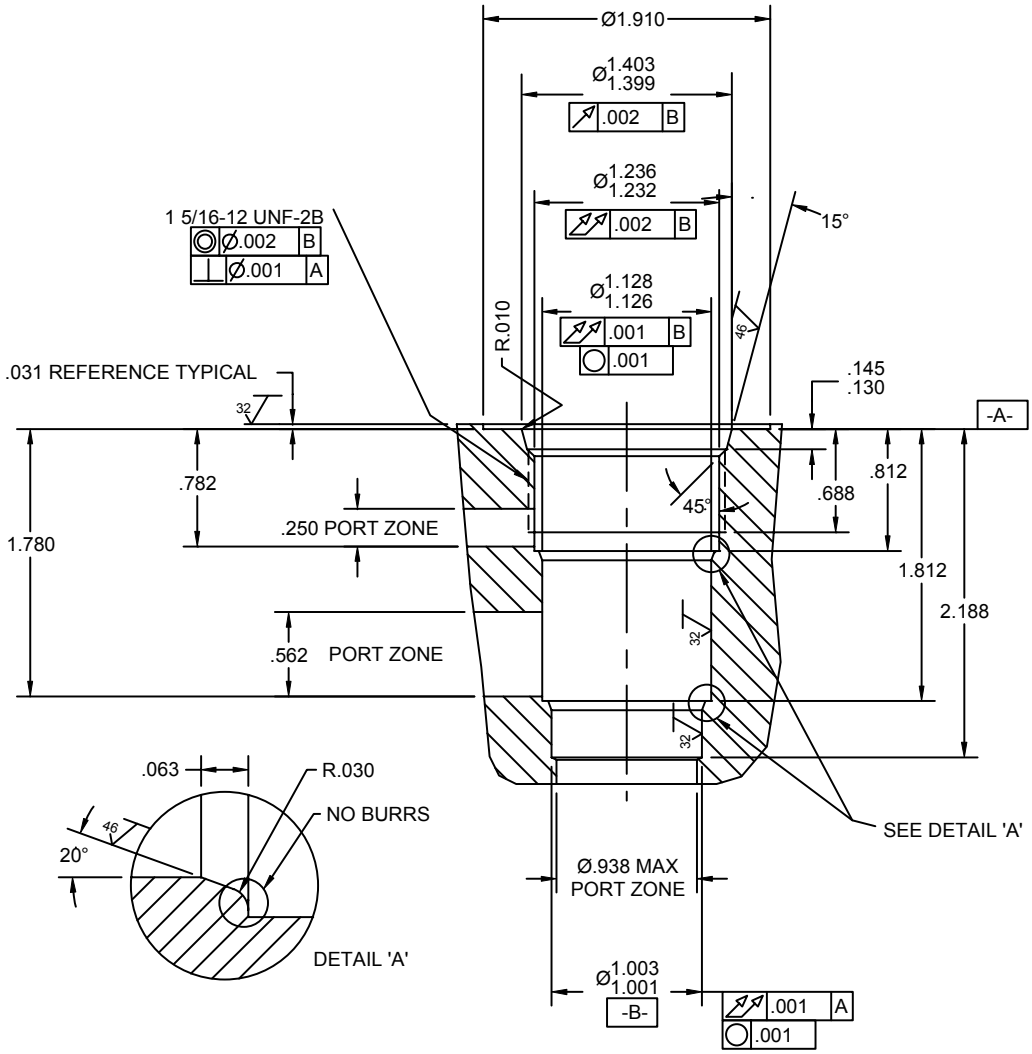
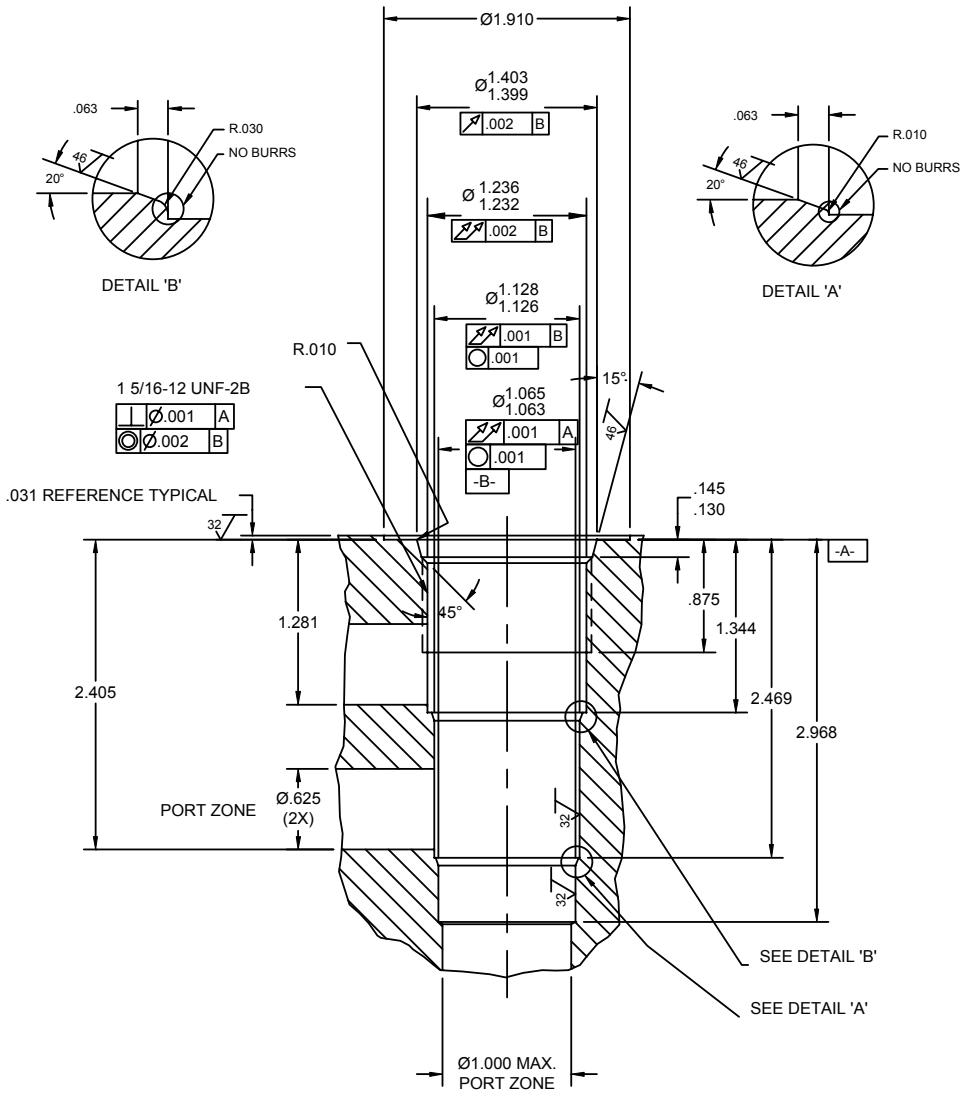
## SUPER 3 WAY SHORT 16 SIZE, 1 5/16-12 THREAD "SUPER" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500021.
2. ALL MACHINED SURFACES TO BE 32√ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## SUPER 3 WAY 16 SIZE, 1 5/16-12 THREAD “SUPER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500018.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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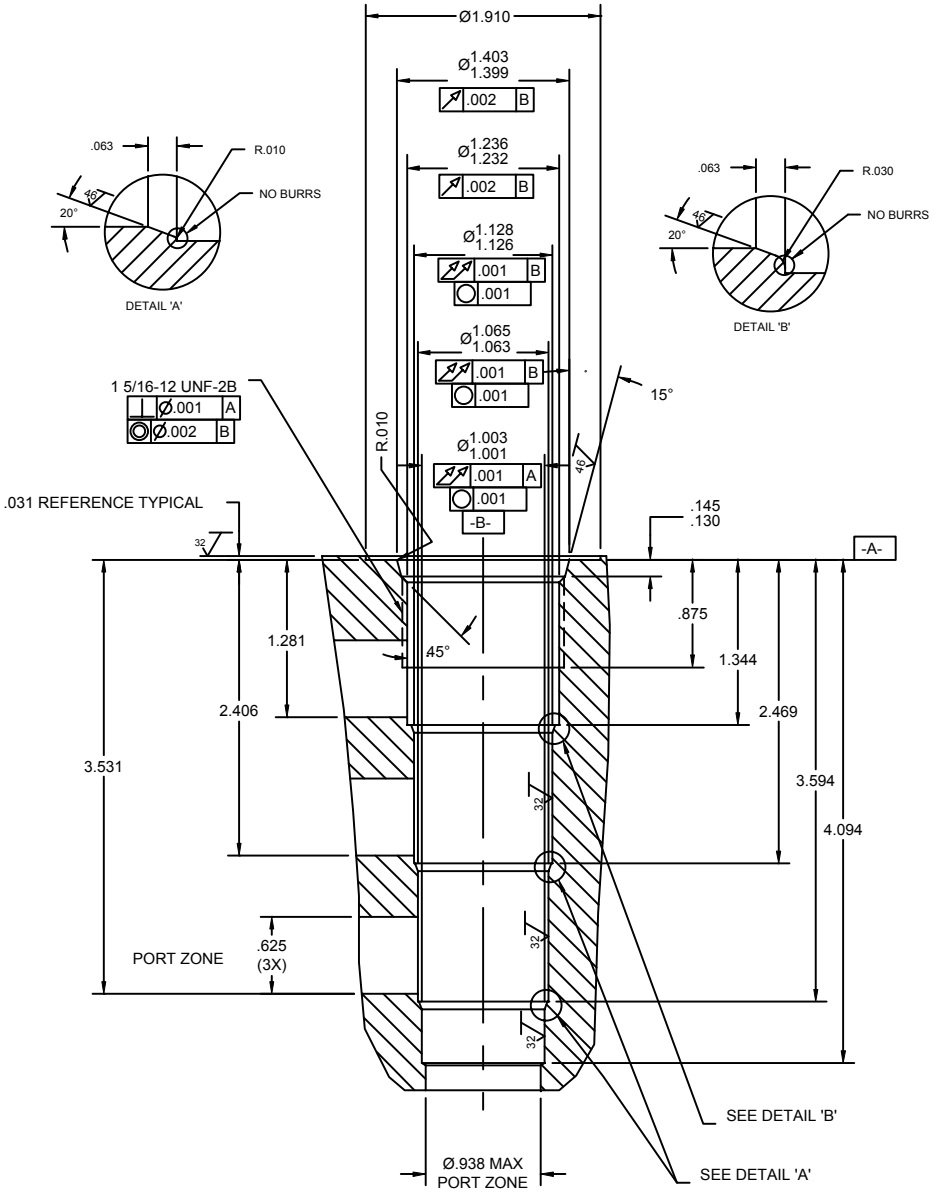
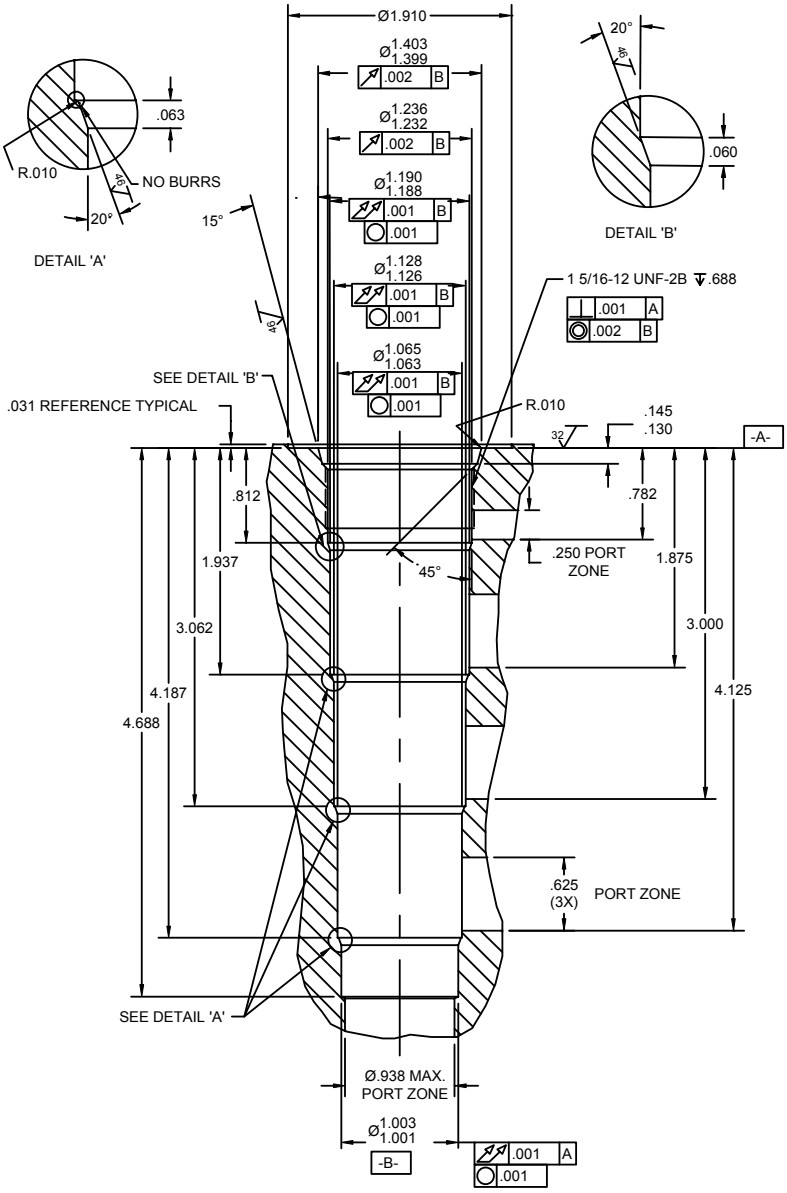
## SUPER 4 WAY 16 SIZE, 1 5/16-12 THREAD “SUPER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500019.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## SUPER 5 WAY SHORT 16 SIZE, 1 5/16-12 THREAD “SUPER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500020.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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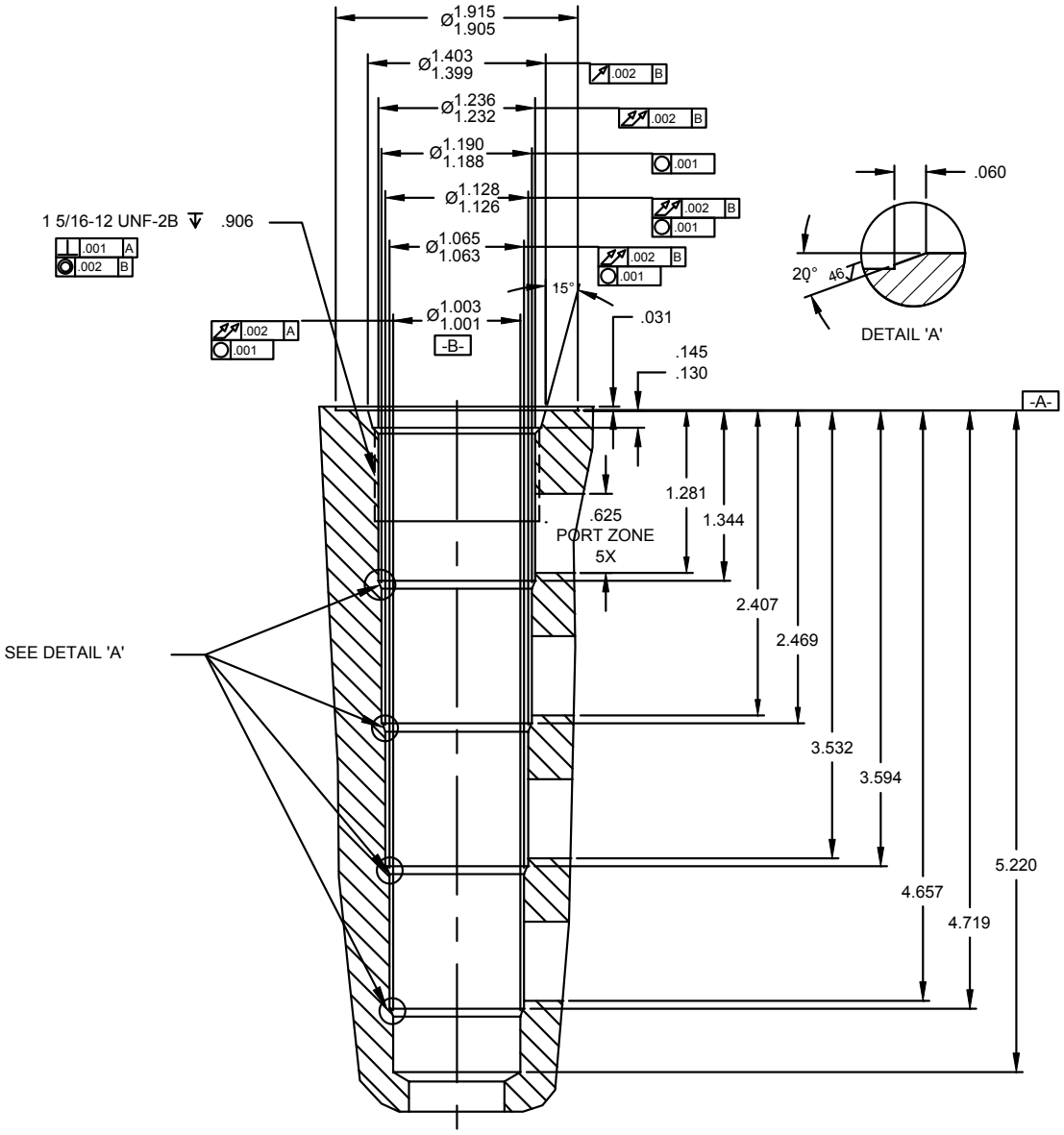
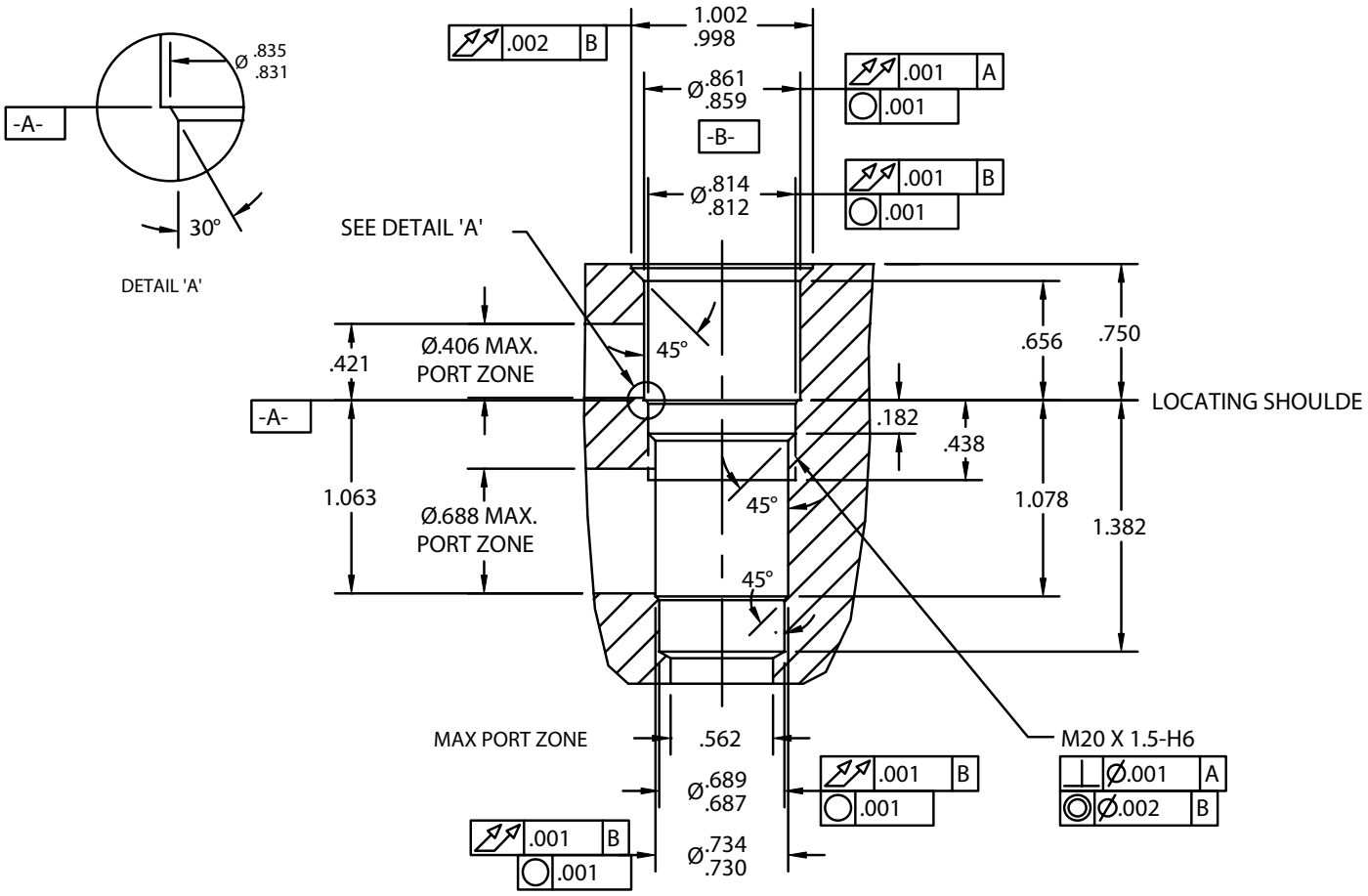
## SUPER 5 WAY 16 SIZE, 1 5/16-12 THREAD “SUPER” SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500038.
2. ALL MACHINED SURFACES TO BE $\sqrt{32}$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.

## QS SPECIAL 3 WAY METRIC M20-1.5-H6 THREAD "SPECIAL" SERIES




**NOTES:**

1. CAVITY CAN BE MACHINED WITH DELTA FORM TOOL #40500012.
2. ALL MACHINED SURFACES TO BE $^{32}\surd$ FINISH OR BETTER, EXCLUDING THREADS.
3. IT IS VERY IMPORTANT THAT VALVE CAVITIES MEET ALL DIMENSIONAL AND QUALITY STANDARDS OF CONCENTRICITY AND PERPENDICULARITY. THREADS MUST BE PERPENDICULAR TO THE SPOTFACE SURFACE. SPOTFACE MUST CLEAN UP TO FULL DIAMETER. IMPROPERLY MACHINED CAVITIES CAN LEAD TO CARTRIDGE MALFUNCTION AND/OR FAILURE FROM DISTORTION.





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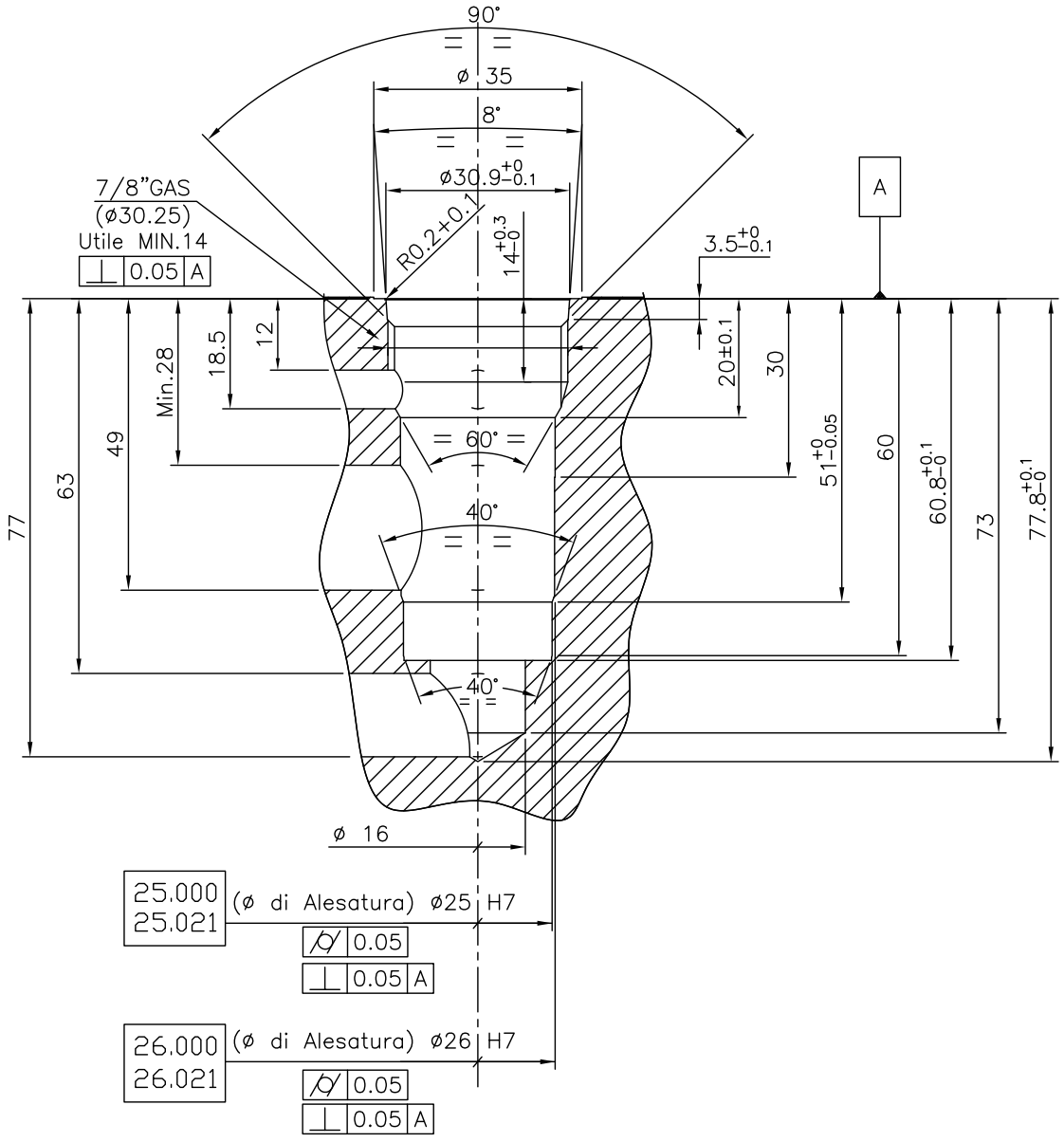
## T031





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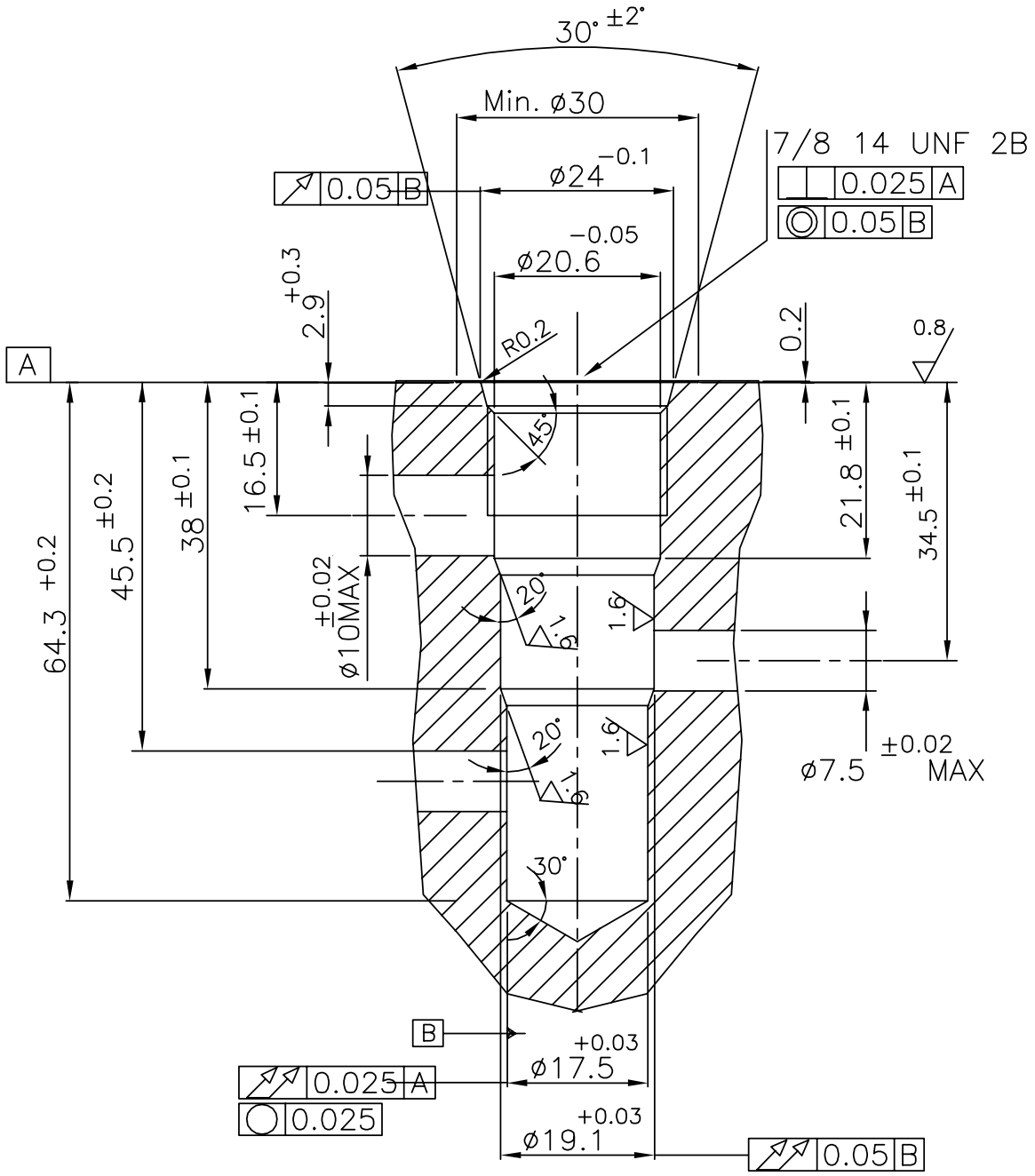
## T042 CAVITY FOR EG-TRZ-42 CARTRIDGE, 7/8” - 14 THREAD





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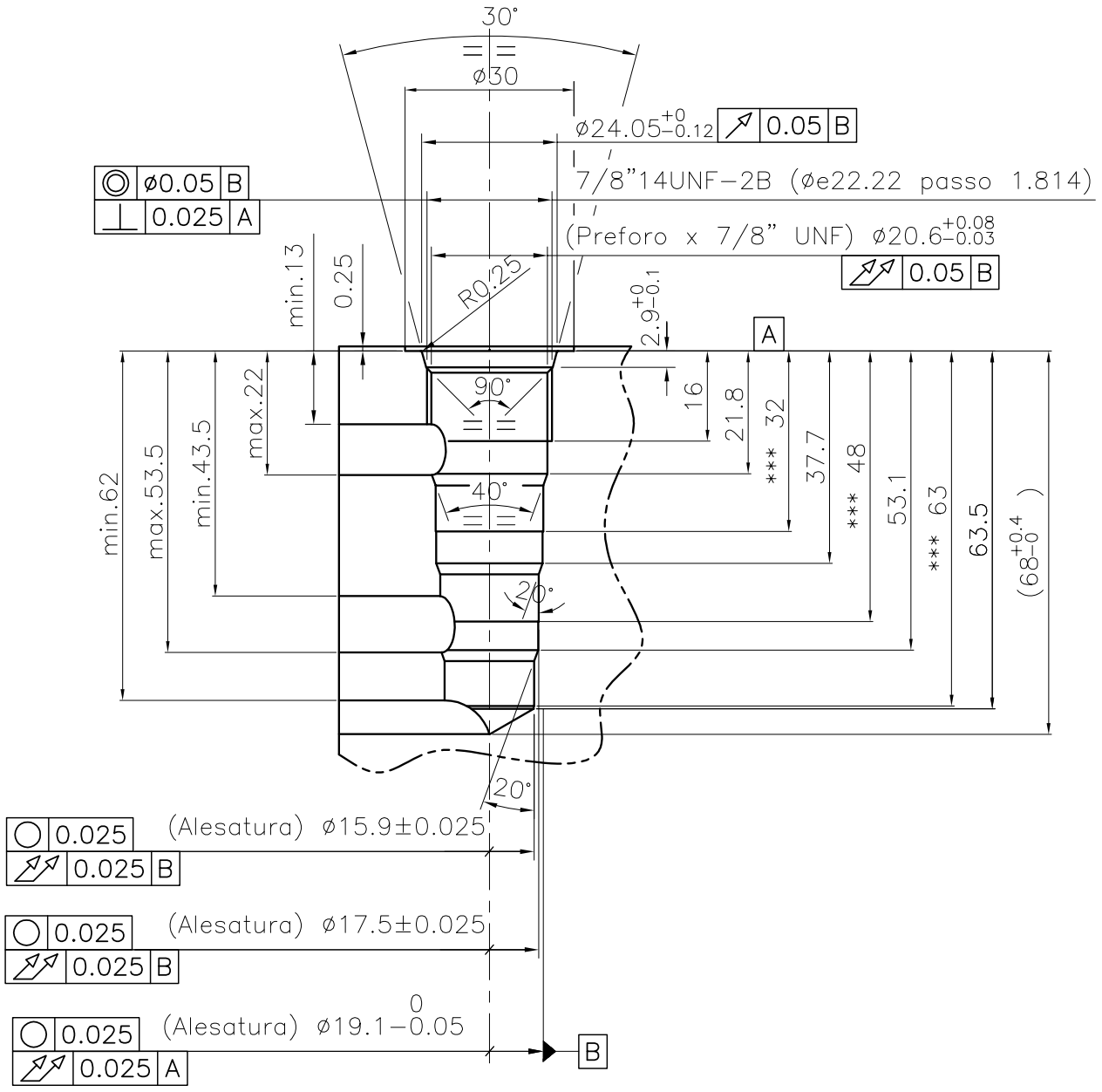
## T308





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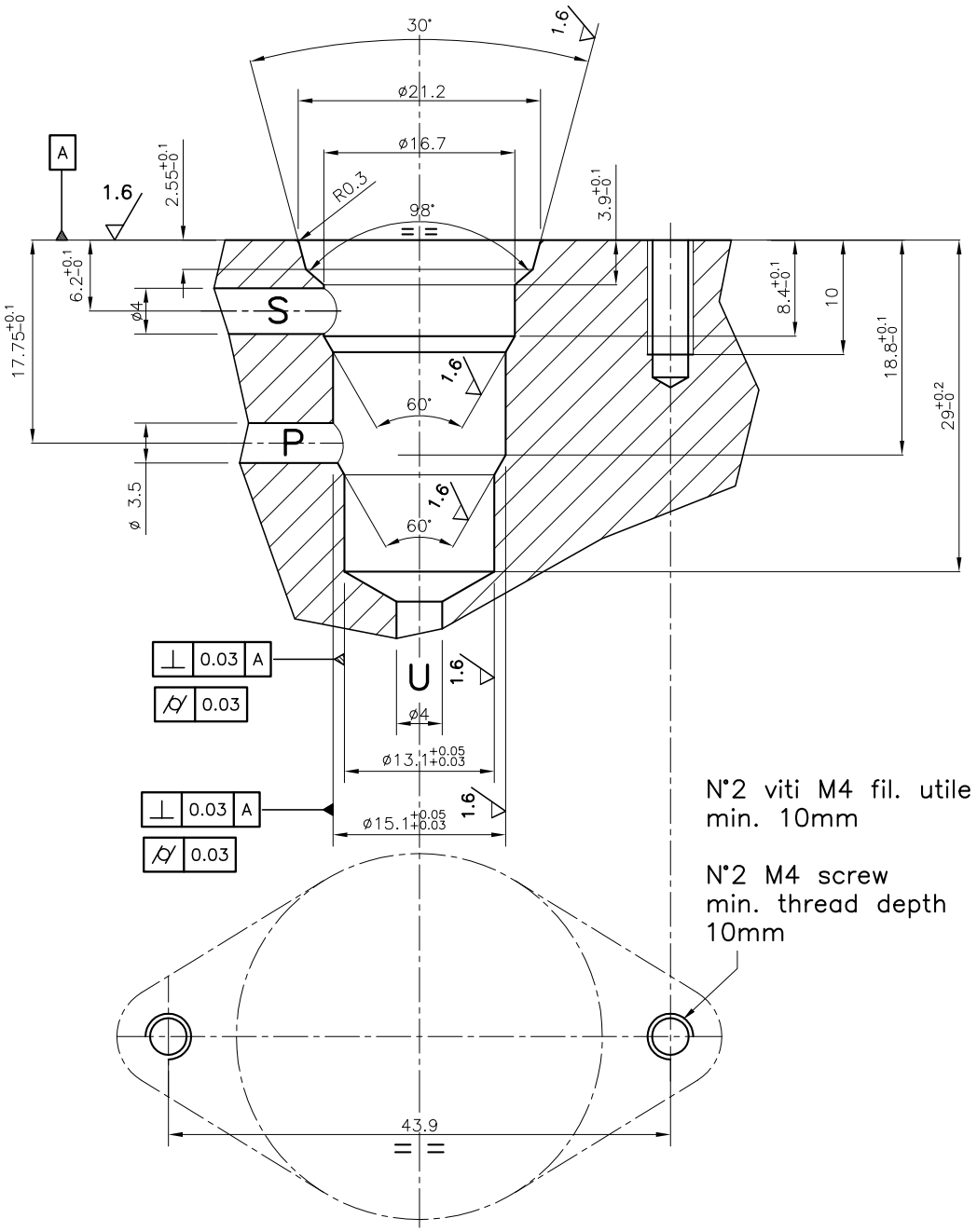
## T043 SLIP-IN CAVITY FOR IP-DAR-43 CARTRIDGE





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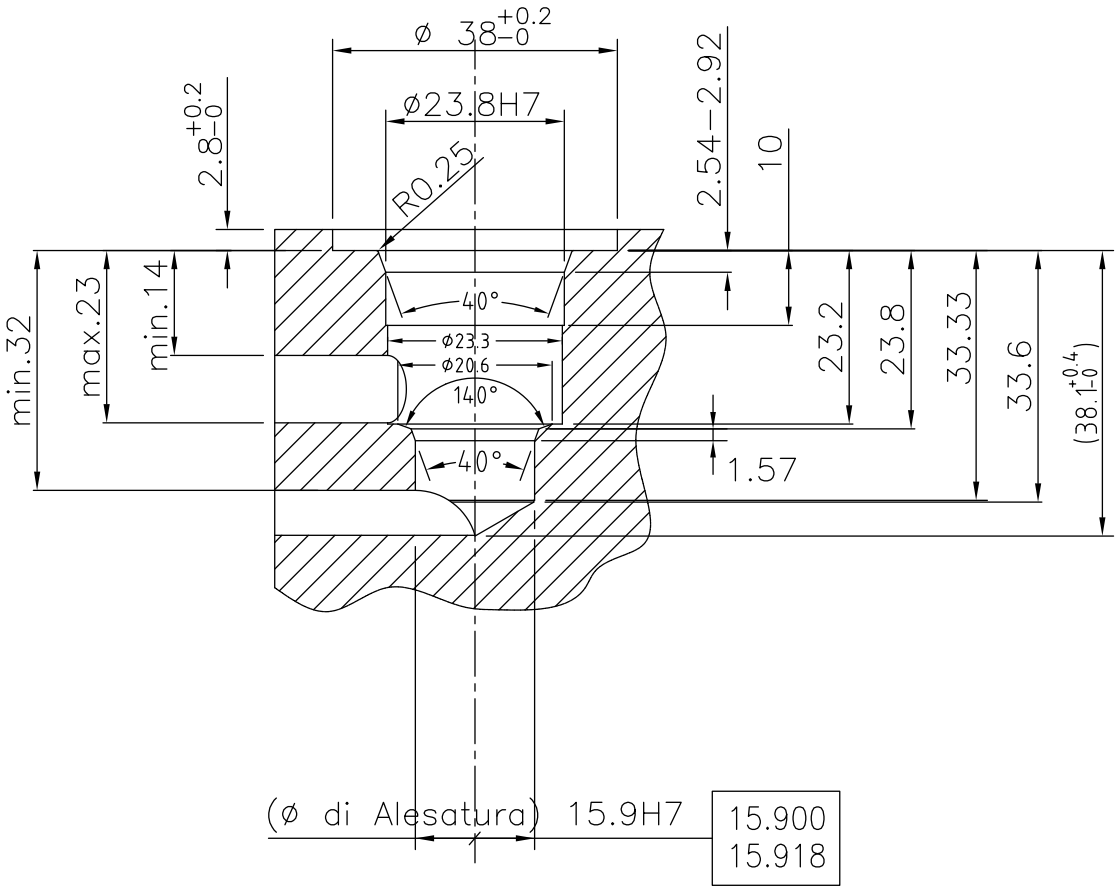
## T056





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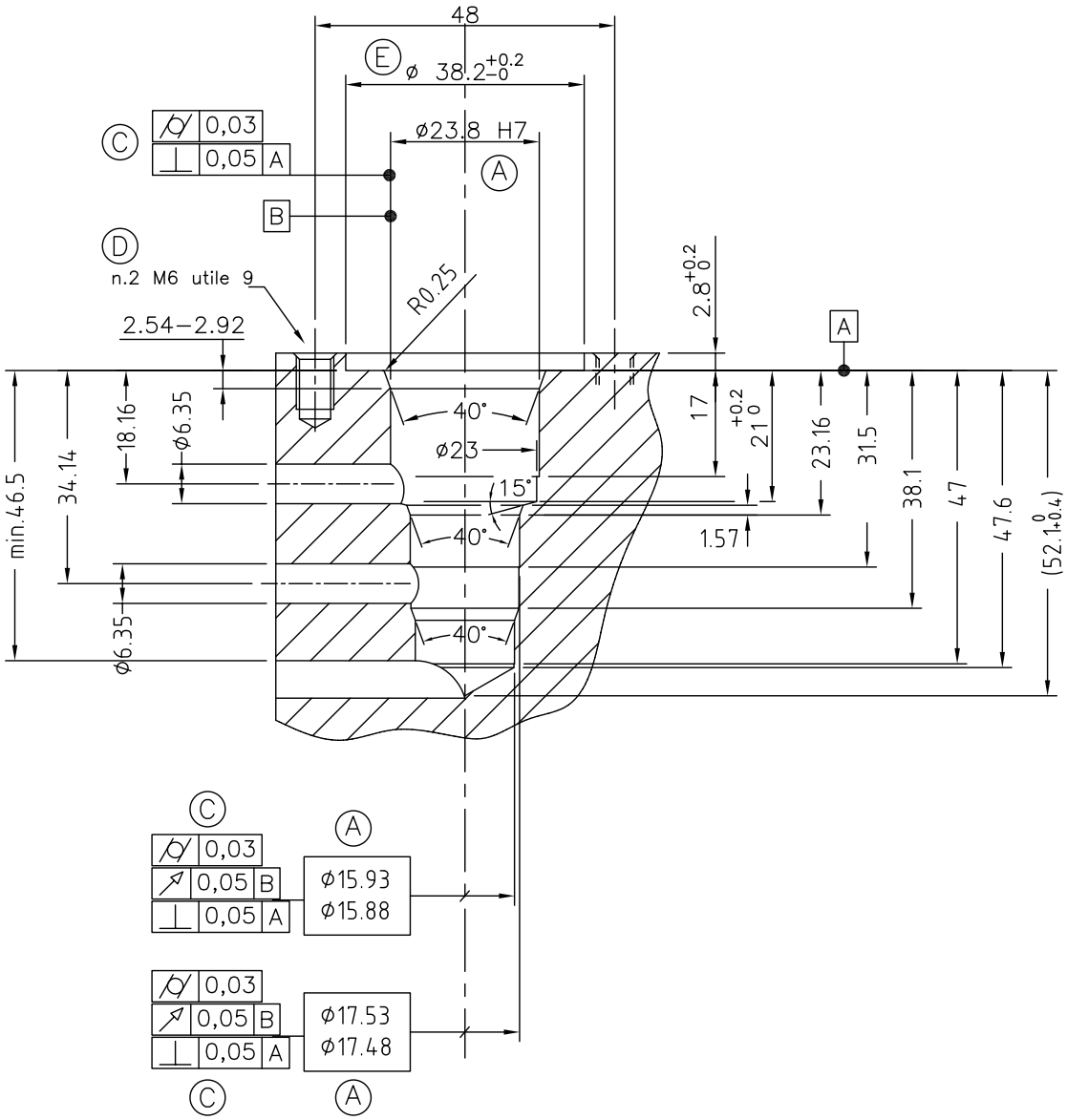
## T057





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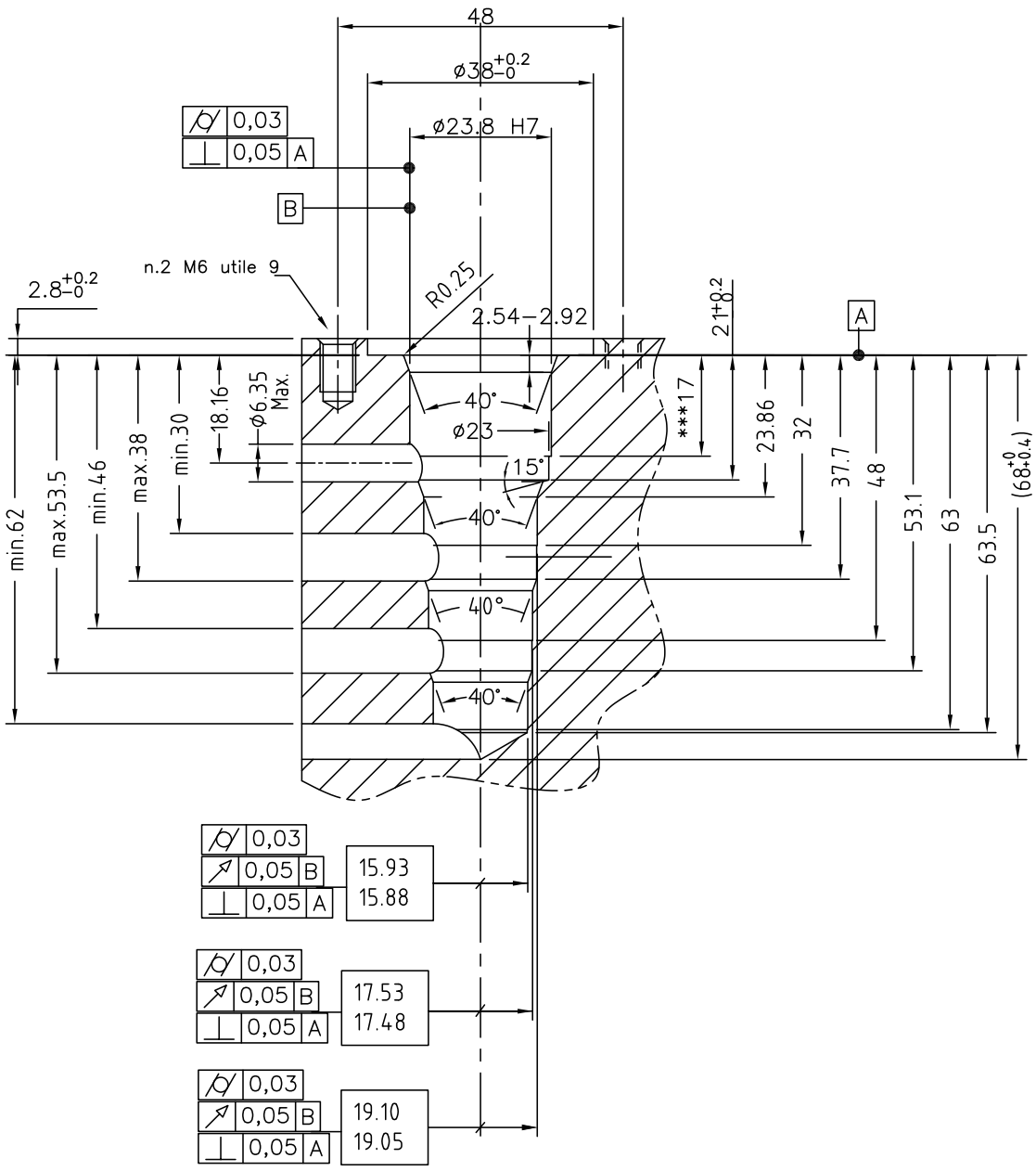
## T058





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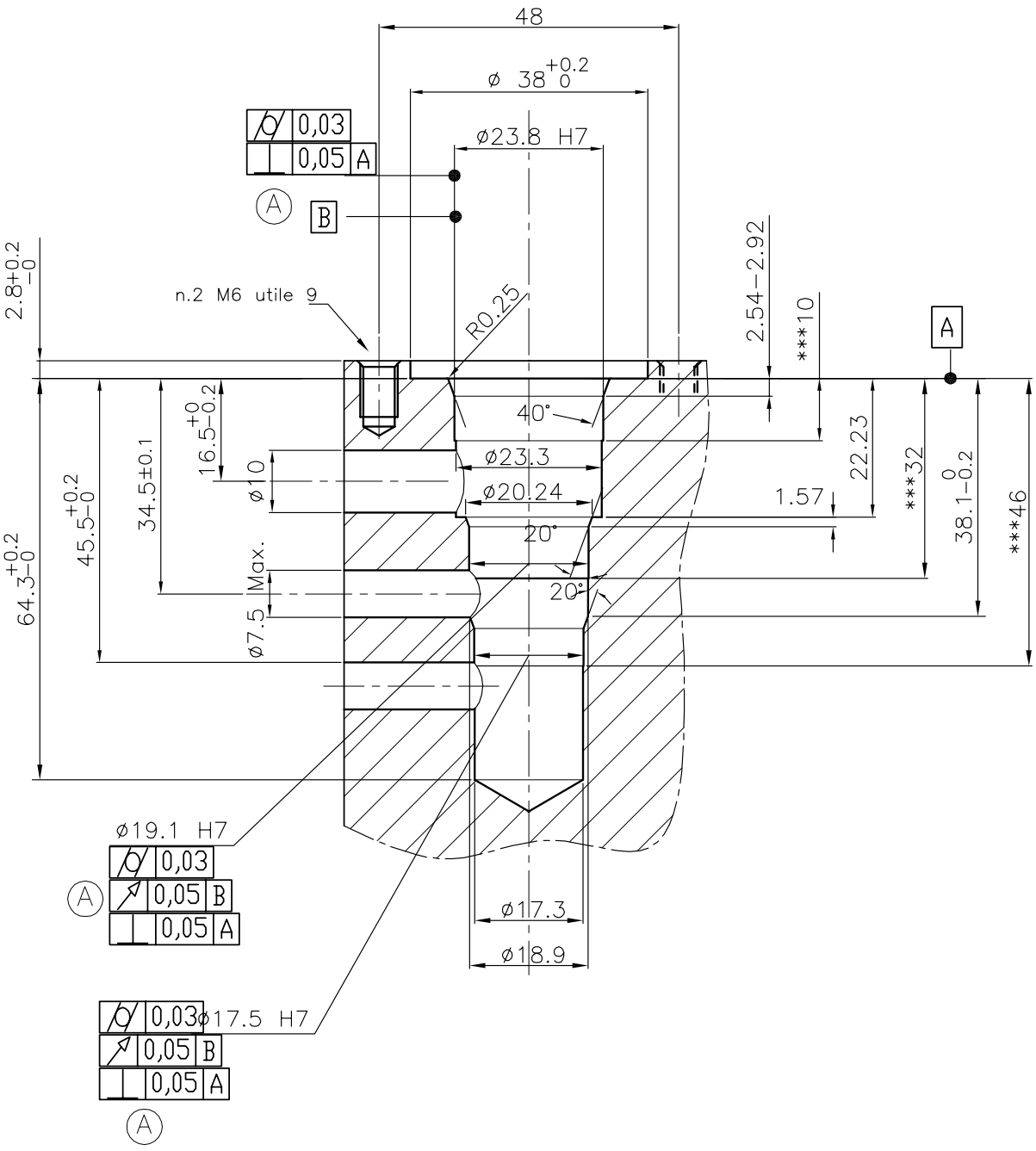
## T059 SLIP-IN CAVITY FOR IP-PRZ-59 CARTRIDGE





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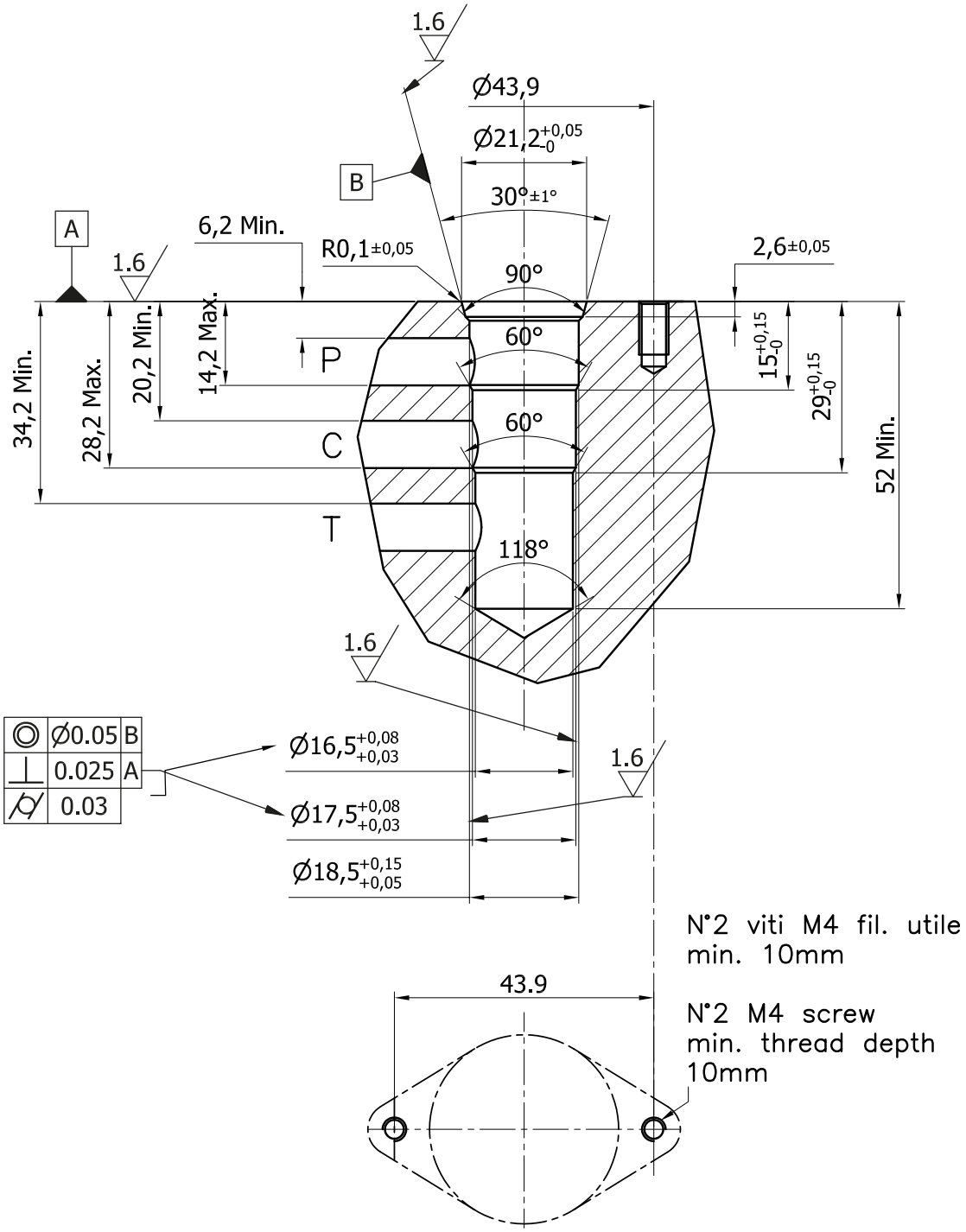
## T222





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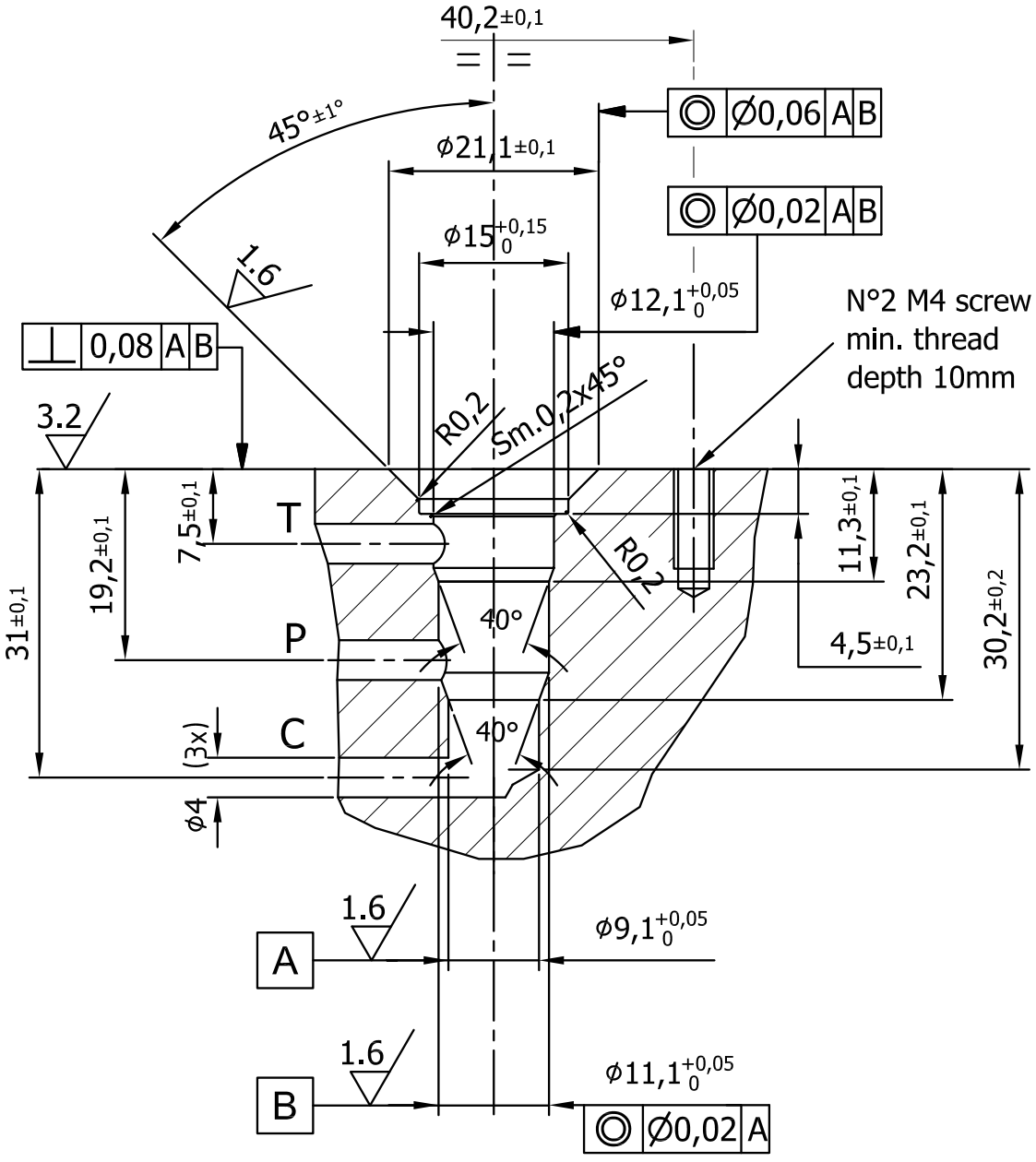
## T250





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## VALVE MNEMONIC CODE

*First letter is the valve series:*

**M** = MINI (5/8")
**P** = POWER (3/4")
**D** = DELTA (7/8")
**T** = TECNORD (1 1/16")
**S** = SUPER (1 5/16")
**I** = INLINE/UNITIZED
**E** = ELECTRONIC PROPORTIONAL
**A** = MOTORIZED
**Q** = SPECIALS
**H** = 4000/5000 PSI RATED

*The second letter is the cavity:* *M= Inline S= Special*

| | MINI | POWER | DELTA | TECNORD | SUPER |
|---|---|---|---|---|---|
| 2 WAY | A | B | E | T | J |
| 3 WAY | C | P | F | U | K |
| 3 Way Short | | | | R | L |
| 4 WAY | D | Q | G | V | N |
| 5 Way Short | | | | X | O |
| 5 Way | | | | | I |

*The third letter is the type of valve:*

**R** = RELIEF
**C** = CHECK & LOAD HOLDING
**N** = NEEDLE
**P** = PRESSURE CONTROLLED
**S** = SOLENOID
**M** = MANUAL
**F** = FLOW CONTROL

*The third, fourth, and fifth characters combined describe the valve function. It is these characters that are stampes on the valve. Examples:*

**S2A** = SOLENOID 2 WAY POPPET
**S3A** = SOLENOID 3 WAY SPOOL
**S4A** = SOLENOID 4 WAY CRISS SPOOL
**RVA** = RELIEF DIRECT ACTING
**MCB** = MAN NC DETENT
**P2A** = PROPORTIONAL 2 WAY
**PRP** = PRESSURE REDUCING
**CVC** = GUIDED BALL CHECK
**FCH** = FLOW CONT REV FLOW
**NVB** = NEEDLE COARSE ADJ

*The sixth and seventh characters combined cover the o-ring, screen, override, knob and other options. Example:*

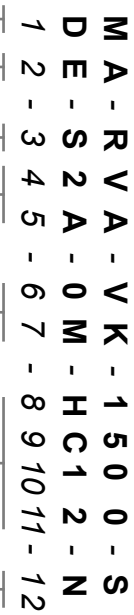
**00** = STANDARD DEFAULT CONFIGURATION
**VK** = VITON O-RINGS, KNOB ADJUSTMENT
**B3** = BUNA, SCREEN, OVERRIDE NONDETENT

*The eighth through eleventh characters describe the solenoid, flow range, or pressure range. Pressure or flow is specified as a range or a particular setting. Example:*

**DL12** = DUAL LEAD 12 VDC
**DS24** = DUAL SPADE 24VDC
**HC24** = HIRSCHMANN 24 VDC
**CL11** = CONDUIT LEAD 120VAC
**0005** = 5 PSI CRACK
**1500** = 1500 MAX PRESS
**03.0** = 3 GPM MAX FLOW
**6-10** = 6 TO 10 G.P.M. FLOW RANGE

*The final character is the body port style:*

**N** = BSP / NPT
**S** = SAE





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